

Add: 315200,Zhuangshi Industry Zone,Ningbo,China

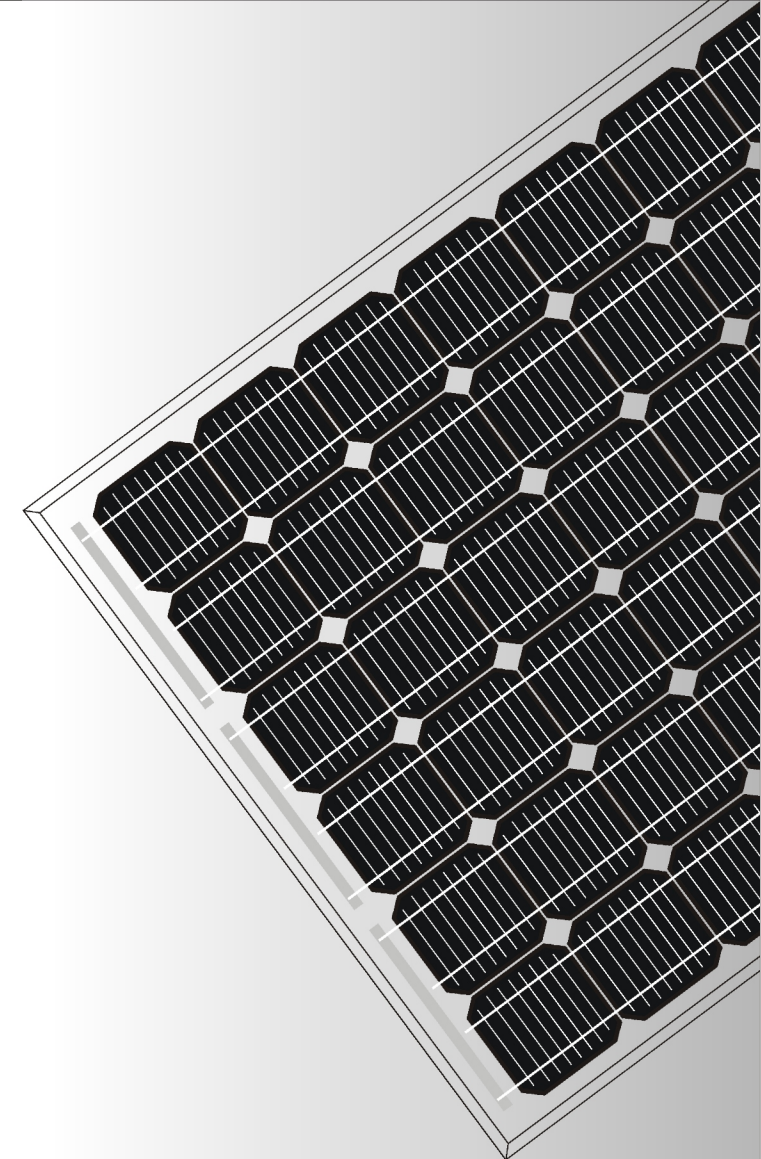
Tel: (86)574 26268605 26268608 26268610

Fax:(86)574 26268609 26268608

<http://www.cinco-solar.com>

E-mail: sales@cinco-solar.com

CINCO 吉博电子
NINGBO
GEEBO ELECTRONICS TECHNOLOGY CO.,LTD



INTRODUCTION 公司简介

Cinco Solar- the high and new technology enterprise, specialize in the research, development, design, production and marketing of solar products and electronic environmental-protection products.

These lines cover grid tied PV solar system,off-grid solar system,grid tied wind generator system,off-grid wind generator system,solar water pump,solar charger regulator,Inverter,GEL battery,solar lighting,solar water heater,solar charger,etc.

We have a team of professors and senior engineers, who have devoted all their lives to do research and development in solar energy and environmental-protection products. We also have in our employment a team of marketing and management personnel, who are dedicated and experienced.

We market our products worldwide. As they are innovative, of high aesthetic value and yet, at competitive prices, they are very well received by our customers from all over the world.



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ON-GRID SOLAR SYSTEM CNCQ-1000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Solar modules for peak power:1000 Wp .
- 3、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 4、 Max Peak Power in one days (6-8 Hours) 6000-8000W
- 5、 The maximum power load for the system: 800 W.
- 6、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

1000W solar system canpower the following

- 20 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 4 Fan
- 1 Refrigerator
- 1 Desktop / Laptop
- 1 20° Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	10pcs
CNCK-1500W	On grid inverter 1500W work voltage 180-260VAC	1pc
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm
CNCK-1500W	On grid inverter 1500W 180V-260V	288*417*126mm	300*450*150mm
	Cable,Connector		300*350*400mm
	Mounting		1340*355*400mm
1.Packing: 4 packages 2.GW:201kgs 3.CBM 0.95m3 4. 20GP' 23sets 5.40GP 46sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID SOLAR SYSTEM CNCQ-2000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Solar modules for peak power:2000 Wp .
- 3、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 4、 Max Peak Power in one days (6-8 Hours) 12000-16000W
- 5、 The maximum power load for the system: 1600 W.
- 6、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

2000W solar system can power the following

- 30 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 2 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 1 Desktop or Laptop Computers
- 2 Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	20pcs
CNCK-3000W	On grid inverter 3000w work voltage 180-260VAC	1pc
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*2
CNCK-3000W	On grid inverter 3000w	490*380*225mm	510*390*300mm
	Cable,Connector		300*350*400mm
	Mounting		1340*655*550mm
1.Packing: 5 packages 2.GW:430kgs 3.CBM 2.0m3 4. 20GP' 11sets 5.40GP 25sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID SOLAR SYSTEM CNCQ-3000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Solar modules for peak power:3000 Wp .
- 3、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 4、 Max Peak Power in one days (6-8 Hours) 18000-24000W
- 5、 The maximum power load for the system: 2400 W.
- 6、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

3000W solar system can power the following

- 30 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 1 Desktop or Laptop Computers
- 1 Colour TV
- 1 air conditioner



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	30pcs
CNCK-5000W	On grid inverter 5000w work voltage 180V-260V	1pc
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*3
CNCK-5000W	On grid inverter 5000w	356*569*243mm	400*600*300mm
	Cable,Connector		500*500*400mm
	Mounting		1340*655*950mm
1.Packing: 6 packages 2.GW:950kgs 3.CBM 3.13m3 4. 20GP' 7sets 5.40GP 15sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID SOLAR SYSTEM CNCQ-4000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Solar modules for peak power:4000 Wp .
- 3、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 4、 Max Peak Power in one days (6-8 Hours) 24000-32000W
- 5、 The maximum power load for the system: 3200 W.
- 6、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

4000W solar system can power the following

- 30 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 2 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 1 Desktop or Laptop Computers
- 2 Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	40pcs
CNCK-6000W	On grid inverter 6000w work voltage 180V-260V	1pc
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*4
CNCK-6000W	On grid inverter 6000w	410*580*243mm	430*600*280mm
	Cable,Connector		500*500*400mm
	Mounting		1340*655*550mm*2
1.Packing: 7 packages 2.GW:1225kgs 3.CBM 3.98m3 4. 20GP' 6sets 5.40GP 13sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID SOLAR SYSTEM CNCQ-5000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Solar modules for peak power:5000 Wp .
- 3、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 4、 Max Peak Power in one days (6-8 Hours) 30000-40000W
- 5、 The maximum power load for the system: 4000 W.
- 6、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection Short Circuit Protection,Thermal Protection,Fault Indication Function

5000W solar system can power the following

- 60 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 2 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 2 Desktop or Laptop Computers
- 2 Colour TV
- 1 air condition



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	50pcs
CNCK-6000W	On grid inverter 6000w work voltage 180-260VAC	1pc
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*5
CNCK-6000W	On grid inverter 6000w	410*580*243mm	430*600*280mm
	Cable,Connector		500*500*700mm
	Mounting		1340*655*950mm*2
1.Packing: 8 packages 2.GW:1695kgs 3.CBM 5.48m3 4. 20GP 4sets 5.40GP 9sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-50W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power: 50 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 300-400W
- 6、 The maximum power load for the system: 40 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection Short Circuit Protection,Thermal Protection,Fault Indication Function

50W solar system can power the following

- 2 11W Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 fan



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)25W-12	Solar Modules 25w Polycrystalline(Monocrystalline)	2pcs
CNCD-12Amp	Solar Charger Controller 12V 12Amps	1pc
CNCE-150W	Solar Inverter Modified Sine Wave 12V 150W	1pc
Np65-12	Deep Cycle Battery Maintenance-free 12V 65AH	1pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)25W-12	Solar Modules 25w +Mounting	410*560*35mm	450*600*100mm
CNCG-150W	Controller+inverter+Battery+Cable	410*300*190mm	430*320*210mm
1.Packing:1 packages 2.GW:44kgs 3.CBM 0.11m3 4. 20GP 227sets 5.40GP 475sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-100W

Characteristics:

- 1、 Can provide electricity for6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power: 100 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 600-800W
- 6、 The maximum power load for the system: 80 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

100W solar system can power the following

- 3 Energy Saver Bulbs
- 1 fan
- 1 20 " Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)25W-12	Solar Modules 25w Polycrystalline(Monocrystalline)	4pcs
CNCD-12Amp	Solar Charger Controller 12V 12Amps	1pc
CNCE-300W	Solar Inverter Modified Sine Wave 12V 300W	1pc
Np100-12	Deep Cycle Battery Maintenance-free 12V 100AH	1pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)25W-12	Solar Modules 25w +Mounting	410*560*35mm	450*600*180mm
CNCG-300W	Controller+inverter+Battery+Cable	410*300*190mm	430*320*210mm
1.Packing:2 packages 2.GW:56kgs 3.CBM 0.14m3 4. 20GP' 157sets 5.40GP 371sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controllor	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-300W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power: 300 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 1800-2400W
- 6、 The maximum power load for the system: 240 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

300W solar system can power the following

- 8 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 Small Refrigerator
- 1 Laptop
- 1 fan
- 1 20 " Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	3pcs
CNCD-15Amp	Solar Charger Controller 12V/24V 15Amps	1pc
CNCE-300W	Solar Inverter Modified Sine Wave 12V 300W	1pc
Np100-12	Deep Cycle Battery Maintenance-free 12V 100AH	4pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1500*720*130mm
CNCG-300W	Controller+inverter+Battery	660*390*470mm	700*405*885mm
	Cable,Connector		150*150*400mm
	Mounting		1340*155*90mm
1.Packing:4 packages 2.GW:141kgs 3.CBM 0.45m3 4. 20GP' 45sets 5.40GP 92sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controllor	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-500W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power: 500 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 3000-4000W
- 6、 The maximum power load for the system: 400 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

500W solar system can power the following

- 6 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 Small Refrigerator
- 2 fans
- 2 Laptop
- 1 20 " Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	5pcs
CNCD-20Amp	Solar Charger Controller 12V/24V 20Amps	1pc
CNCE-500W	Solar Inverter Modified Sine Wave 12V 500W	1pc
Np100-12	Deep Cycle Battery Maintenance-free 12V 100AH	6pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*305mm
CNCG-500W	Controller+inverter	370*235*365mm	430*330*430mm
Np100-12	Deep Cycle Battery 12V 100AH	349*166*215mm	710*522*225mm
	Cable,Connector		150*150*400mm
	Mounting		1340*155*200mm
1.Packing: 5 packages 2.GW:312kgs 3.CBM 0.59m3 4. 20GP 37sets 5.40GP 84sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-1000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power:1000 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 6000-8000W
- 6、 The maximum power load for the system: 800 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

1000W solar system can power the following

- 20 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 4 Fan
- 1 Refrigerator
- 1 Desktop / Laptop
- 1 20 " Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	10pcs
CNCD-50Amp	Solar Charger Controller 12V/24V 50Amps	1pc
CNCF-1000W	Solar Inverter Pure Sine Wave 24V 1000W	1pc
Np100-12	Deep Cycle Battery Maintenance-free 12V 100AH	12pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm
CNCG-1000W	Controller+inverter	620*350*420mm	660*390*470mm
Np100-12	Deep Cycle Battery 12V 100AH	349*166*215mm	710*712*625mm
	Cable,Connector		300*350*400mm
	Mounting		1340*355*400mm
1.Packing: 5 packages 2.GW:417kgs 3.CBM 1.1m3 4. 20GP' 22sets 5.40GP 45sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-2000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power:2000 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 12000-16000W
- 6、 The maximum power load for the system: 1600 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

2000W solar system can power the following

- 30 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 2 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 1 Desktop or Laptop Computers
- 2 Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	20pcs
CNCD-50Amp	Solar Charger Controller 48V 50Amps	1pc
CNCF-2000W	Solar Inverter Pure Sine Wave 48V 2000W	1pc
Np100-12	Deep Cycle Battery Maintenance-free 12V 100AH	24pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*2
CNCG-2000W	Controller+inverter	620*350*420mm	660*390*470mm
Np100-12	Deep Cycle Battery 12V 100AH	349*166*215mm	710*712*1225mm
	Cable,Connector		300*350*400mm
	Mounting		1340*655*550mm
1.Packing: 6 packages 2.GW:609kgs 3.CBM 2.69m3 4. 20GP' 10sets 5.40GP 19sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-3000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power:3000 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 18000-24000W
- 6、 The maximum power load for the system: 2400 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

3000W solar system can power the following

- 30 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 1 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 1 Desktop or Laptop Computers
- 1 Colour TV
- 1 air conditioner



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	30pcs
CNCD-110Amp	Solar Charger Controller 48V 80Amps	1pc
CNCF-3000W	Solar Inverter Pure Sine Wave 48V 3000W	1pc
Np200-12	Deep Cycle Battery Maintenance-free 12V 200AH	16pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*3
CNCG-3000W	Controller+inverter	620*350*420mm	660*390*470mm
Np200-12	Deep Cycle Battery 12V 200AH	520*246*216mm	710*712*1225mm*2
	Cable,Connector		500*500*400mm
	Mounting		1340*655*950mm
1.Packing: 8 packages 2.GW:1579kgs 3.CBM 4.48m3 4. 20GP' 5sets 5.40GP 11sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-4000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power:4000 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 24000-32000W
- 6、 The maximum power load for the system: 3200 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

4000W solar system can power the following

- 30 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 2 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 1 Desktop or Laptop Computers
- 2 Colour TV



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	40pcs
CNCD-110Amp	Solar Charger Controller 48V 110Amps	1pc
CNCF-5000W	Solar Inverter Pure Sine Wave 48V 5000W	1pc
Np200-12	Deep Cycle Battery Maintenance-free 12V 200AH	20pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*4
CNCG-4000W	Controller+inverter	620*350*420mm	660*390*470mm
Np200-12	Deep Cycle Battery 12V 200AH	520*246*216mm	710*712*975mm*3
	Cable,Connector		500*500*400mm
	Mounting		1340*655*550mm*2
1.Packing: 11 packages 2.GW:1980kgs 3.CBM 5.5m3 4. 20GP 4sets 5.40GP 9sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID SOLAR SYSTEM CNCH-5000W

Characteristics:

- 1、 Can provide electricity for 6-8h/days
- 2、 Can guarantee that two consecutive rainy days of normal power supply.
- 3、 Solar modules for peak power:5000 Wp .
- 4、 The output voltage to: 220 VAC +10% (Or 115VAC +10%)
- 5、 Max Peak Power in one days (6-8 Hours) 30000-40000W
- 6、 The maximum power load for the system: 4000 W.
- 7、 Protection:Battery Charger Protection,Battery Low Voltage Protection,Overload Protection
Short Circuit Protection,Thermal Protection,Fault Indication Function

5000W solar system can power the following

- 60 Energy Saver Bulbs
- 1 Radio or CD/DVD player
- 2 Refrigerator
- 2 Fans
- 1 Cookers / Microwaves
- 2 Desktop or Laptop Computers
- 2 Colour TV
- 1 air condition



Major Component

Item No	Description of Each Component	Quantity
CNCB(C)100W-12	Solar Modules 100w 17.2V 5.81A Polycrystalline(Monocrystalline)	50pcs
CNCD-110Amp	Solar Charger Controller 48V 110Amps	1pc
CNCF-6000W	Solar Inverter Pure Sine Wave 48V 6000W	1pc
Np200-12	Deep Cycle Battery Maintenance-free 12V 200AH	30pcs
	Cable,Connector	1set
	Mounting	1set

Packing Details

Item No	Specification	Product Size	Packing Size
CNCB(C)100W-12	Solar Modules 100w	1482*678*35mm	1665*755*565mm*5
CNCG-5000W	Controller+inverter	620*350*420mm	660*390*470mm
Np200-12	Deep Cycle Battery 12V 200AH	520*246*216mm	710*712*975mm*5
	Cable,Connector		500*500*700mm
	Mounting		1340*655*950mm*2
1.Packing: 14 packages 2.GW:2970kgs 3.CBM 8.1m3 4. 20GP 3sets 5.40GP 7sets			

Quality Guarantee

Description	Approved	Quality Guarantee
Solar Panel	IEC CE	2 Years product warranty,10 years warranty for 90%, 20 years warranty for 80% power.
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID WIND GENERATOR SYSTEM CNCR-300W

Characteristics:

- 1. Only 12.5kgs
- 2. Casting Aluminum alloy ,carbon fiber blades and tail.It is solid,longevous and anti-corrosiveness.
- 13. nner voltage adjuster,protects batterues from over charging and rotor over speed,and exports direct Current .Easy to used.

Rated Power(w)	300	Number of blades	3
Peak Power(w)	500	Wheel diameter(m)	1.5
Rated Voltage(vdc)	12V/24V	Tower height(m)	6
Start-up Wind speed(m/s)	2.5	Net Weight of Body(kg)	12.5
Rated wind speed(m/s)	12	Operate temperature(℃)	-40 - 60 ℃
Rated rotate speed(r/m)	450	Woking noise(db)	60 ①
Power per month ② (KWh)	50	Suggest Battery	2×12V 150AH

Note:

- ① six meter away from generator at 12m/s of wind speed.
- ② Average wind speed is 12m/s daily,amount of available hours in one month is 200h.



Major Component

Description of Each Component	Quantity
300w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid modified sine wave inverter 300W 24V-220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 150AH	2pcs
Cable tower 6m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller+Inverter		1500*720*130mm
Deep Cycle Battery Maintenance-free 12V 150AH		500*200*260mm
Cable tower 6m		2100*100*100mm
1.Packing:3packages 2.GW::96kgs 3. 20GP' 109sets 4.40GP 225sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID WIND GENERATOR SYSTEM CNCR-500W

Characteristics

Rated Power(w)	500	Number of blades	3
Peak Power(w)	800	Wheel diameter(m)	2.5
Rated Voltage(vdc)	12V/24V	Tower height(m)	6
Start-up Wind speed(m/s)	2	Net Weight of Body(kg)	17
Rated wind speed(m/s)	8	Operate temperature(℃)	-40 - 60 ℃
Rated rotate speed(r/m)	400	Woking noise(db)	65 ①
Power per month ② (KWh)	85	Suggest Battery	2×12V 150AH

Note:

- ① six meter away from generator at 12m/s of wind speed.
- ② Average wind speed is 12m/s daily,amount of available hours in one month is 200h.



Major Component

Description of Each Component	Quantity
500w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid modified sine wave inverter 500W 220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 200AH	2pcs
Cable tower 6m	1set

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		720*490*380mm
Deep Cycle Battery Maintenance-free 12V 200AH		600*300*560mm
Blades three piecs		1600*240*210mm
Inverter 500W		530*250*320mm
Cable tower 6m		2100*180*200mm
1.Packing:6packages 2.GW::271kgs 3. 20GP' 45sets 4.40GP 87sets		

OFF-GRID WIND GENERATOR SYSTEM CNCR-1000W

Characteristics

Rated power (W)	1000
Peak power (W)	1500
Rated voltage (VDC)	48
Start up wind speed (m/s)	2
Rated wind speed (m/s)	9
Rated rotate speed (r/m)	400
Number of blades	3
Wheel diameter (m)	2.7
Tower height (m)	6
Net weight of body (kg)	34
Operation temperature (°C)	-40℃~60
Working noise (db)	75 ①
Power per month ② (kWh)	200
Suggested battery catacity	4×12V200AH



Note: ① Six meter away from generator at 12m/s of wind speed.
② Average wind speed is 9m/s daily, amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
1000w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid Pure sine wave inverter 1000W 220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 200AH	4pcs
Cable tower 6m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		720*490*380mm
Deep Cycle Battery Maintenance-free 12V 200AH		600*650*560mm
Blades three piecs		1600*240*210mm
Off-grid Pure sine wave inverter 1000W		530*220*420mm
Cable tower 6m		304*320*210mm
1.Packing:6packages 2.GW::456kgs 3. 20GP' 29sets 4.40GP 55sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID WIND GENERATOR SYSTEM CNCR-2000W

Characteristics

Rated power (W)	2000
Peak power (W)	3000
Rated voltage (VDC)	120
Start up wind speed (m/s)	2
Rated wind speed (m/s)	9
Rated rotate speed (r/m)	400
Number of blades	3
Wheel diameter (m)	3.2
Tower height (m)	9
Net weight of body (kg)	39
Operation temperature (°C)	-40℃~60
Working noise (db)	71 ①
Power per month ② (kWh)	400
Suggested battery capacity	10×12V150AH



Notes: ① Nine meter away from generator at 12m/s of wind speed.
② Average wind speed is 9m/s daily, amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
2000w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid Pure sine wave inverter 2000W 220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 150AH	10pcs
Cable tower 9m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		720*490*380mm
Deep Cycle Battery Maintenance-free 12V 200AH	520*246*216mm	600*650*560mm
Blades three piecs		2100*360*230mm
Off-grid Pure sine wave inverter 2000W		510*300*410mm
Cable tower 9m		306*450*350mm
1.Packing:6packages 2.GW:783kgs 3. 20GP' 17sets 4.40GP 36sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID WIND GENERATOR SYSTEM CNCR-3000W

Characteristics

Rated power (W)	3000
Max power (W)	4000
Rated voltage (VDC)	240
Start up wind speed (m/s)	2
Rated wind speed (m/s)	10
Rated rotate speed (r/m)	220
Number of blades	3
Wheel diameter (m)	4.5
Tower height (m)	9
Net weight of body (kg)	280
Operation temperature (°C)	-40°C~60
Working noise (db)	88 ①
Power per month ② (kWh)	600
Suggested battery catacity	20×12V100AH



Notes: ① Six meter away from generator at 12m/s of wind speed.
② Average wind speed is 10m/s daily,amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
3000w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid Pure sine wave inverter 3000W 220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 100AH	20pcs
Cable tower 9m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		1330*650*510mm
Deep Cycle Battery Maintenance-free 12V 100AH	520*246*216mm	600*650*960mm
Blades three piecs		2440*340*290mm
Off-grid Pure sine wave inverter 3000W		510*300*410mm
Cable tower 9m		380*450*380mm*2pcs
Cabinet		700*600*740mm
1.Packing:7packages 2.GW:1565kgs 3. 20GP' 8sets 4.40GP 17sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID WIND GENERATOR SYSTEM CNCR-5000W

Characteristics

Rated power (W)	5000
Max power (W)	6000
Rated voltage (VDC)	240
Start up wind speed (m/s)	2
Rated wind speed (m/s)	10
Rated rotate speed (r/m)	200
Number of blades	3
Wheel diameter (m)	6.4
Tower height (m)	12
Net weight of body (kg)	325
Operation temperature (°C)	-40°C~60
Working noise (db)	73 ①
Power per month ② (kWh)	1000
Suggested battery catacity	20×12V200AH



Note:
① Nine meter away from generator at 12m/s of wind speed.
② Average wind speed is 10m/s daily,amount of available hours in oneMonth is 200h.

Major Component

Description of Each Component	Quantity
5000w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid Pure sine wave inverter 5000W 220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 200AH	20pcs
Cable tower 12m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		1440*700*620mm
Deep Cycle Battery Maintenance-free 12V 200AH		810*750*960mm
Blades three piecs		3170*340*500mm
Inverter 5000W		880*700*320mm
Cable tower 12m		4000*380*380mm*3pcs
Cabinet		700*600*740mm*2pcs
1.Packing:9packages 2.GW:2652kgs 3. 20GP' 7sets 4.40GP 13sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

OFF-GRID WIND GENERATOR SYSTEM CNCR-10000W

Characteristics

Rated power (W)	10000
Max power (W)	12500
Rated voltage (VDC)	240
Start up wind speed (m/s)	2
Rated wind speed (m/s)	10
Rated rotate speed (r/m)	180
Number of blades	3
Wheel diameter (m)	8
Tower height (m)	12
Net weight of body (kg)	387
Operation temperature (°C)	-40°C~60
Working noise (db)	82 ①
Power per month ③ (kWh)	2000②
Suggested battery capacity	40×12V200AH



Notes: ① Nine meter away from generator at 12m/s of wind speed.
② Average wind speed is 12m/s daily,amount of available hours in oneMonth is 200h.

Major Component

Description of Each Component	Quantity
10000w Wind generator	1pcs
Off-grid Wind controller	1pc
Off-grid Pure sine wave inverter 10000W 220V or 110V	1pc
Deep Cycle Battery Maintenance-free 12V 200AH	40pcs
Cable tower 12m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		1440*700*620mm
Deep Cycle Battery Maintenance-free 12V 200AH		810*750*960mm*2
Blades three piecs		4020*330*520mm
Inverter 10000W		740*650*470mm
Cable tower 12m		4000*380*380mm*3pcs
Cabinet		700*600*740mm*2pcs
1.Packing:9packages	2.GW:4165kgs	3. 20GP' 5sets 4.40GP 10sets

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Battery	CE UL	2 Years product warranty
Full System		2 Years product warranty

ON-GRID WIND GENERATOR SYSTEM CNCY-2000W

Characteristics

Rated power (W)	2000
Peak power (W)	3000
Rated voltage (VDC)	120
Start up wind speed (m/s)	2
Rated wind speed (m/s)	9
Rated rotate speed (r/m)	400
Number of blades	3
Wheel diameter (m)	3.2
Tower height (m)	9
Net weight of body (kg)	39
Operation temperature (°C)	-40°C~60
Working noise (db)	71 ①
Power per month ② (kWh)	400



Notes: ① Nine meter away from generator at 12m/s of wind speed.
② Average wind speed is 9m/s daily, amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
2000w Wind generator	1pcs
on-grid Wind controller	1pc
On grid wind inverter 3000W 180-260VAC	1pc
Cable tower 9m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		720*490*380mm
Blades three piecs		2100*360*230mm
On grid wind inverter 3000W 180-260VAC		510*300*410mm
Cable tower 9m		306*450*350mm
1.Packing:5packages	2.GW:303kgs	3. 20GP' 20sets 4.40GP 41sets

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID WIND GENERATOR SYSTEM CNCY-3000W

Characteristics

Rated power (W)	3000
Max power (W)	4000
Rated voltage (VDC)	240
Start up wind speed (m/s)	2
Rated wind speed (m/s)	10
Rated rotate speed (r/m)	220
Number of blades	3
Wheel diameter (m)	4.5
Tower height (m)	9
Net weight of body (kg)	280
Operation temperature (°C)	-40°C ~ 60
Working noise (db)	88 ①
Power per month ② (kWh)	600



Notes: ① Six meter away from generator at 12m/s of wind speed.
② Average wind speed is 10m/s daily,amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
3000w Wind generator	1pcs
on-grid Wind controller	1pc
on-grid Wind inverter 5000w	1pc
Cable tower 9m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		1330*650*510mm
Blades three piecs		2440*340*290mm
on-grid Wind inverter 5000w		510*300*410mm
Cable tower 9m		380*450*380mm*2pcs
Cabinet		700*600*740mm
1.Packing:6packages 2.GW:925kgs 3. 20GP' 10sets 4.40GP 21sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID WIND GENERATOR SYSTEM CNCY-5000W

Characteristics

Rated power (W)	5000
Max power (W)	6000
Rated voltage (VDC)	240
Start up wind speed (m/s)	2
Rated wind speed (m/s)	10
Rated rotate speed (r/m)	200
Number of blades	3
Wheel diameter (m)	6.4
Tower height (m)	12
Net weight of body (kg)	325
Operation temperature (°C)	-40°C ~ 60
Working noise (db)	73 ①
Power per month ② (kWh)	1000



Note: ① Nine meter away from generator at 12m/s of wind speed.
② Average wind speed is 10m/s daily,amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
5000w Wind generator	1pcs
On-grid Wind controller	1pc
On-grid wind inverter 10000W	1pc
Cable tower 12m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		1440*700*620mm
Blades three piecs		3170*340*500mm
On-grid wind inverter 10000W		880*700*320mm
Cable tower 12m		4000*380*380mm*3pcs
Cabinet		700*600*740mm*2pcs
1.Packing:8packages 2.GW:1372kgs 3. 20GP' 6sets 4.40GP 12sets		

Quality Guarantee

Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

ON-GRID WIND GENERATOR SYSTEM CNCY-10000W

Characteristics

Rated power (W)	10000
Max power (W)	12500
Rated voltage (VDC)	240
Start up wind speed (m/s)	2
Rated wind speed (m/s)	10
Rated rotate speed (r/m)	180
Number of blades	3
Wheel diameter (m)	8
Tower height (m)	12
Net weight of body (kg)	387
Operation temperature (°C)	-40°C~60
Working noise (db)	82 ①
Power per month ② (kWh)	2000



Notes: ① Nine meter away from generator at 12m/s of wind speed.
② Average wind speed is 12m/s daily, amount of available hours in one Month is 200h.

Major Component

Description of Each Component	Quantity
10000w Wind generator	1pcs
On-grid Wind controller	1pc
On-grid wind inverter 20000W	1pc
Cable tower 12m	1set

Packing Details

Specification	Product Size	Packing Size
Wind Generator+controller		1440*700*620mm
Blades three pieces		4020*330*520mm
On-grid wind inverter 20000W		740*650*470mm
Cable tower 12m		4000*380*380mm*3pcs
Cabinet		700*600*740mm*2pcs
1.Packing:8packages	2.GW:1605kgs	3. 20GP' 4sets
		4.40GP 9sets

Quality Guarantee

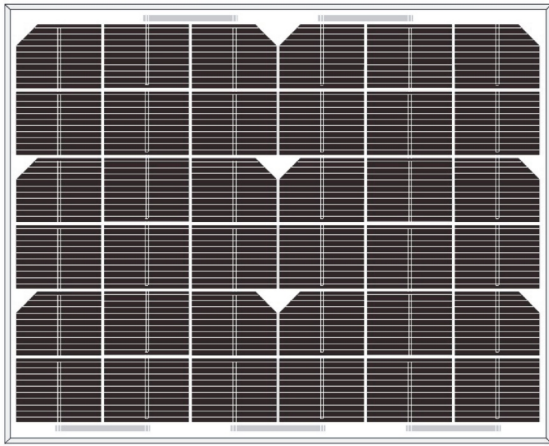
Description	Approved	Quality Guarantee
Wind generator	CE	2 Years product warranty
Controller	CE	2 Years product warranty
Inverter	CE	2 Years product warranty
Full System		2 Years product warranty

Mono-crystalline Modules

CNCB5W-12 CNCB10W-12

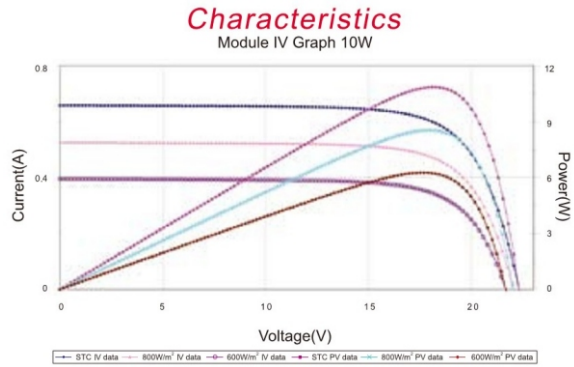
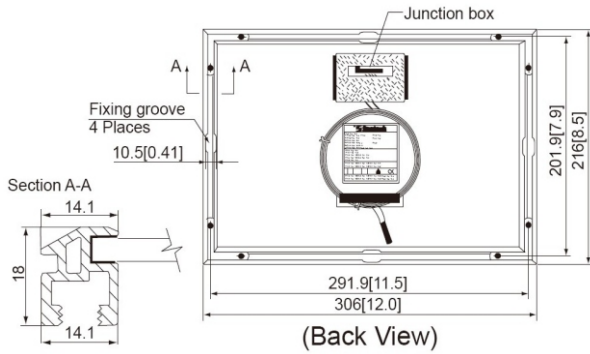
Features

- ◎ High Efficiency
- ◎ 12V DC standard output
- ◎ CE,TUV junction box
- ◎ Lifetime:25 years
- ◎ Warranty:2 years
- ◎ 90% power 10 years
- ◎ 80% power 20 years



(Mono-crystalline Modules 10W)

Characteristics



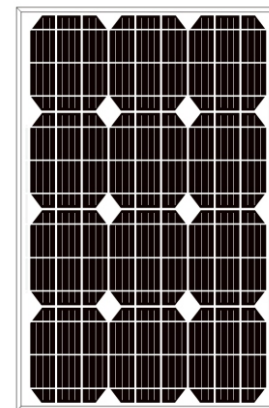
Specification:

Model	CNCB5W-12	CNCB10W-12
Nominal power Pm	5W	10W
Power allowance	±10%	±10%
Optimized working voltage Vm	16.7V	16.7V
Optimized working current Im	0.3A	0.60A
Open circuit voltage Voc	21.3V	21.3V
Short circuit current Isc	0.33A	0.68A
Module efficiency	7.60%	8.80%
Withstanding voltage	DC715V	DC715V
Dimension of module (mm)	216*306*18	310*368*18
Net weight (kg)	0.8	1.5
Quantity of each carton(pcs)	20	20
Packing (inside)	316*230*28mm	320*382*28mm
Dimension of package (outside)	330*620*245mm	335*620*384mm
Volume (m3)	0.047	0.077
Gross weight (kg/ carton)	18	35
Dimension of pallet (mm)	1280*1010*1825	1200*800*1825
Quantity in a 20' container	30carton/ pallet×8 pallet	20carton/ pallet×8 pallet
Time returnable and replaceable	2 year	2 year
Power attenuation	10year≤10%,20year≤20%	10 year≤10%,20 year≤20%

Mono-crystalline Modules CNCB20W-12 CNCB40W-12

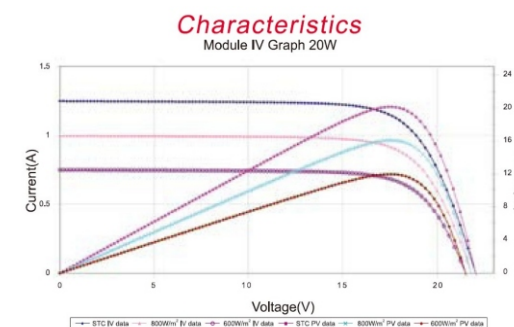
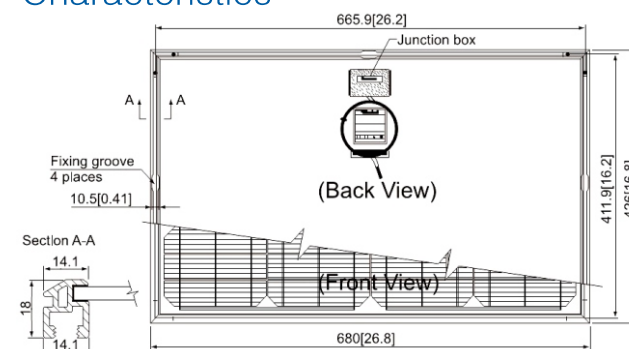
Features

- ◎ High Efficiency
- ◎ 12V DC standard output
- ◎ CE,TUV junction box
- ◎ Lifetime:25 years
- ◎ Warranty:2 years
- ◎ 90% power 10 years
- ◎ 80% power 20 years



(Mono-crystalline Modules 40W)

Characteristics



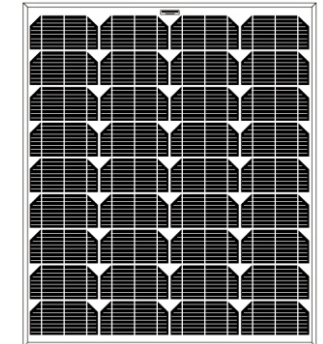
Specification:

Model	CNCB20W-12	CNCB40W-12
Nominal power Pm	20W	40W
Power allowance	±10%	±10%
Optimized working voltage Vm	17.5V	17.2V
Optimized working current Im	1.14A	2.33A
Open circuit voltage Voc	21.9V	21.8V
Short circuit current Isc	1.19A	2.54A
Module efficiency	10.20%	11.70%
Withstanding voltage	DC715V	DC715V
Dimension of module (mm)	640*306*18	630*541*30
Net weight (kg)	2.5	4.5
Packing (pcs/carton)	10	2
Dimension of package (mm)	Package of inside	680*585*90
	650*320*28	
	Package of outside	
	664*350*330	
Volume (m3)	0.067	0.036
Gross weight (kg/ carton)	30	12
Dimension of pallet (mm)	1382*950*1825	1390*700*1950
Quantity in a 20' container	30carton/pallet×8 pallet =240 carton (2400pcs)	48carton/ pallet×10 pallet =480 carton (960pcs)
Time returnable and replaceable	2 year	2 year
Power attenuation	10year≤10%,20 year≤20%	10year≤10%,20 year≤20%

Mono-crystalline Modules CNCB60W-12 CNCB65W-12 CNCB70W-12

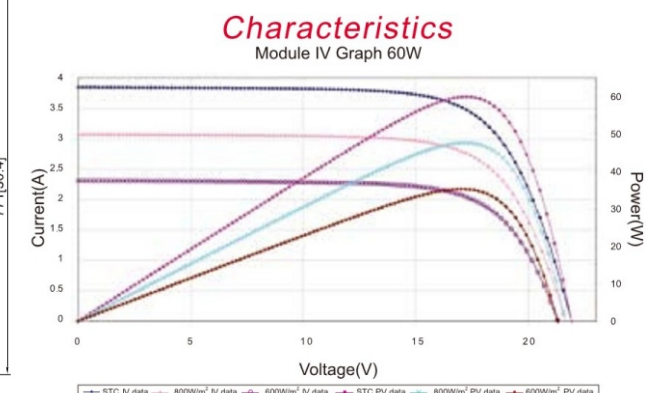
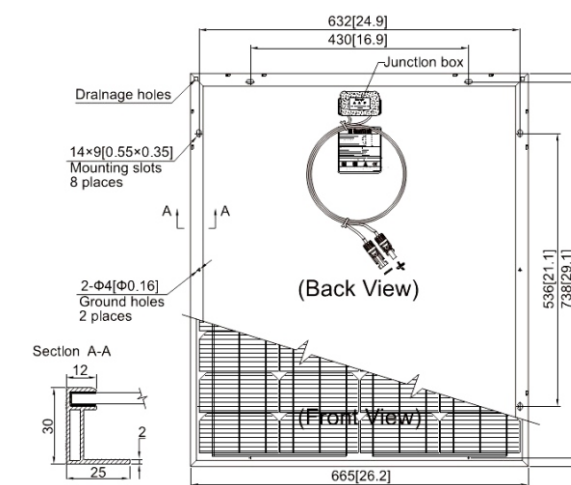
Features

- ◎ High Efficiency
- ◎ 12V DC standard output
- ◎ CE,TUV junction box
- ◎ Lifetime:25 years
- ◎ Warranty:2 years
- ◎ 90% power 10 years
- ◎ 80% power 20 years



(Mono-crystalline Modules 60W)

Characteristics

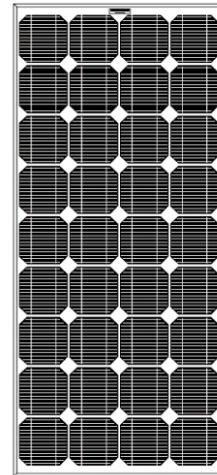


Specification:

Model	CNCB60W-12	CNCB65W-12	CNCB70W-12
Nominal power Pm	60W	65W	70W
Power allowance	±10%	±10%	±10%
Optimized working voltage Vm	17.3V	17.3V	17.6V
Optimized working current Im	3.47A	3.76A	3.98A
Open circuit voltage Voc	21.6V	21.8V	22.2V
Short circuit current Isc	3.85A	3.93A	4.03A
Module efficiency	11.70%	12.70%	13.70%
Withstanding voltage	715		
Dimension of module (mm)	771×665×30		
Net weight (kg)	6.2		
Packing (pcs/carton)	2		
Dimension of package (mm)	821×709×90		
Volume (m3)	0.06		
Gross weight (kg/ carton)	15		
Dimension of pallet (mm)	850×950×1950		
Quantity in a 20' container	24carton/pallet×12pallet =288carton (576pcs)		
Time returnable and replaceable	2 year		
Power attenuation	10year≤10%20 year≤20%		

Mono-crystalline Modules

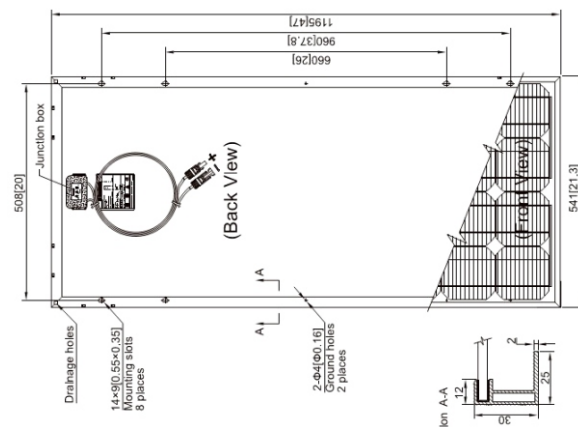
CNCB75W-12
CNCB80W-12
CNCB85W-12



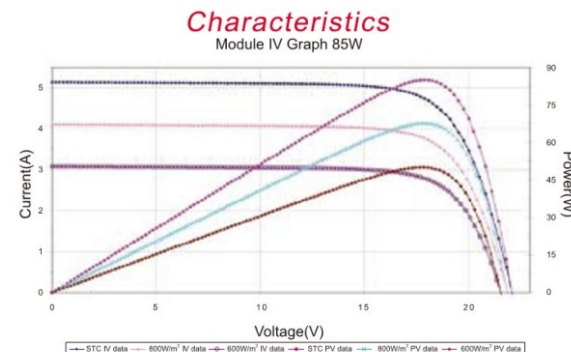
Features

- ◎High Efficiency
- ◎12V DC standard output
- ◎CE,TUV junction box
- ◎Lifetime:25 years
- ◎Warranty:2 years
- ◎90% power 10 years
- ◎80% power 20 years

Characteristics



(Mono-crystalline Modules 85W 125*125)

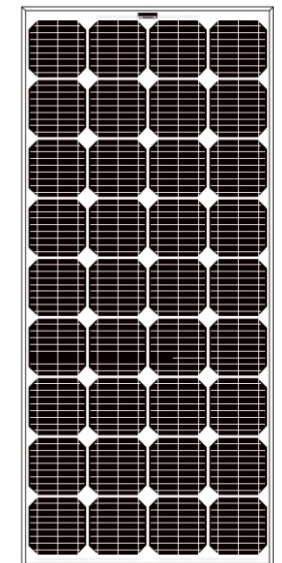


Specification:

Model	CNCB75W-12V	CNCB80W-12V	CNCB85W-12V
Nominal power Pm	75 W	80W	85 W
Power allowance	±5%	±5%	±5%
Optimized working voltage Vm	17.2 V	17.2V	17.6V
Optimized working current Im	4.36A	4.65A	4.82A
Open circuit voltage Voc	21.3V	21.8V	22.2V
Short circuit current Isc	4.88A	5.07A	5.29A
Module efficiency	11.60%	12.40%	13.10%
Withstanding voltage	DC715V		
Dimension of module (mm)	1196*541*30		
Net weight (kg)	8		
Packing (pcs/carton)	2		
Dimension of package (mm)	1246*585*90		
Volume (m3)	0.073		
Gross weight (kg/ carton)	19		
Dimension of pallet (mm)	1300*740*2050		
Quantity in a 20' container	22carton/pallet×12 pallet =264 carton (528pcs)		
Time returnable &replaceable	2 year		
Power attenuation	10year≤10%20 year≤20%		

Mono-crystalline Modules

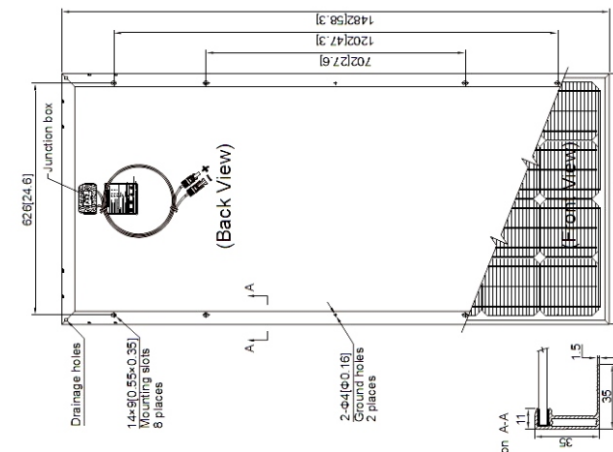
CNCB100W-12
CNCB120W-12
CNCB130W-12
CNCB140W-12



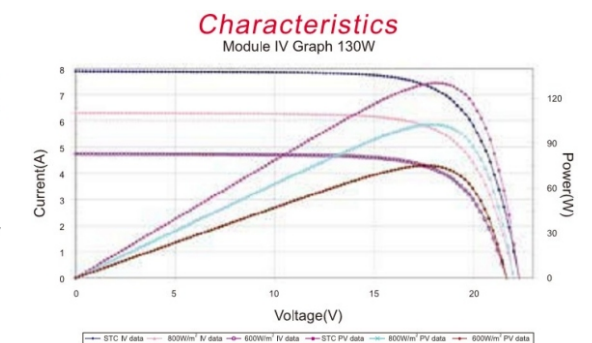
Features

- ◎High Efficiency
- ◎24V DC standard output
- ◎CE,TUV junction box
- ◎Lifetime:25 years
- ◎Warranty:2 years
- ◎90% power 10 years
- ◎80% power 20 years

Characteristics



(Mono-crystalline Modules 130W 156*156)



Specification:

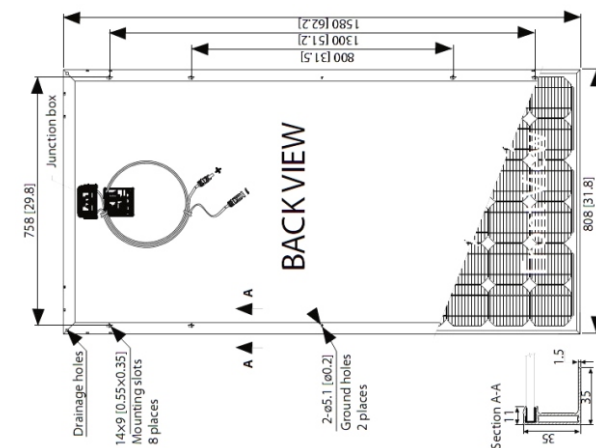
Model	CNCB100W-12	CNCB120W-12	CNCB130W-12	CNCB140W-12
Nominal power Pm	100w	120W	130W	140W
Power allowance	±5%	±5%	±5%	±5%
Optimized working voltage Vm	17.1V	17.3V	17.3V	17.6V
Optimized working current Im	5.78A	6.94A	7.51A	7.94A
Open circuit voltage Voc	21.4V	21.6V	21.8V	22.2V
Short circuit current Isc	7.54A	7.7A	7.85A	8.06A
Module efficiency	12%	12%	13%	14%
Withstanding voltage	1000			
Dimension of module (mm)	1482×676×35			
Net weight (kg)	11.5			
Packing (pcs/carton)	2			
Dimension of package (mm)	1532×720×100			
Volume (m3)	0.11			
Gross weight (kg/ carton)	26			
Dimension of pallet (mm)	1562×964×1950			
Quantity in a 40' container	22carton/pallet×14 pallet =308carton (616pcs)			
Time returnable &replaceable	2 year			
Power attenuation	10year≤10% 20 year≤20%			

Mono-crystalline Modules CNCB160W-24 CNCB165W-24 CNCB175W-24 CNCB180W-24

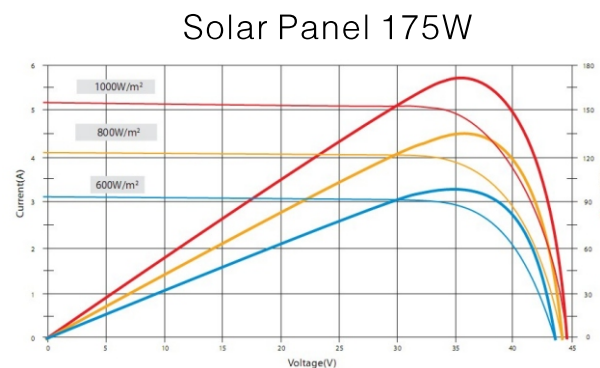
Features

- ◎High Efficiency
- ◎Warranty:2 years
- ◎CE,TUV junction box
- ◎90% power 10 years
- ◎Lifetime:25 years
- ◎80% power 20 years

Characteristics



(Mono-crystalline Modules 175W 125*125)



Specification:

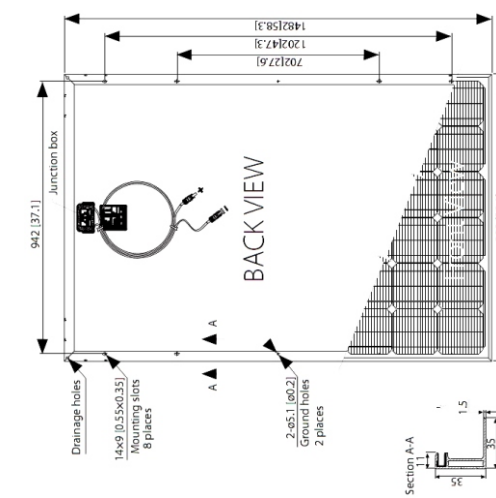
Model	CNCB160W-24	CNCB165W-24	CNCB175W-24	CNCB180W-24
Nominal power (Pm)	160Wp	165Wp	175Wp	180Wp
Power allowance	±5%	±5%	±5%	±5%
Optimized working voltage (Vm)	34.4V	34.9V	35.42V	36V
Optimized working current (Im)	4.65A	4.73A	4.94A	5.0 A
Open circuit voltage (Voc)	43.7V	44.0V	44.5V	44.8V
Short circuit current (Isc)	5.07A	5.18A	5.41A	5.51A
Module efficiency	12.50%	12.90%	13.70%	14.10%
Withstanding voltage	DC1000V			
Dimension of module (L)	1580×808×35			
Net weight (Kg)	15			
Packing (pcs M carton)	2			
Dimension of package (L)	1630×855×100			
Volume (m3)	0.139			
Gross weight (Kg/carton)	35			
Dimension of pallet	1660×1100×1950			
Quantity in a 40' container	22carton/pallet×14pallet=308carton(616pcs)			
Time returnable and replaceable	2year			
Power attenuation	10year≤10% 20year≤20%			

Mono-crystalline Modules CNCB200W-24 CNCB210W-24 CNCB230W-24

Features

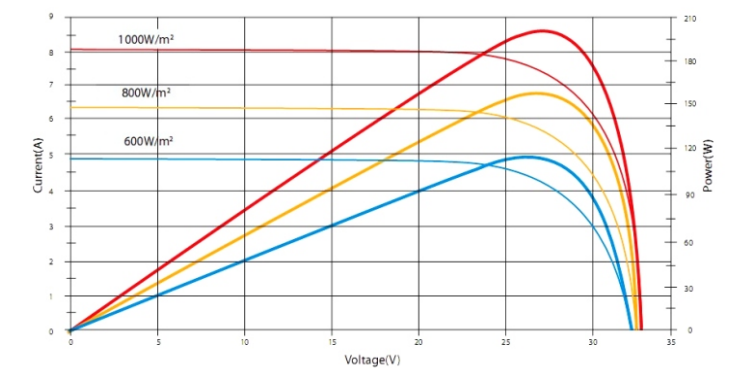
- ◎ High Efficiency
- ◎ Warranty:2 years
- ◎ CE,TUV junction box
- ◎ 90% power 10 years
- ◎ Lifetime:25 years
- ◎ 80% power 20 years

Characteristics



(Mono-crystalline Modules 210W 156*156)

Mono-crystalline Modules 210W



Specification:

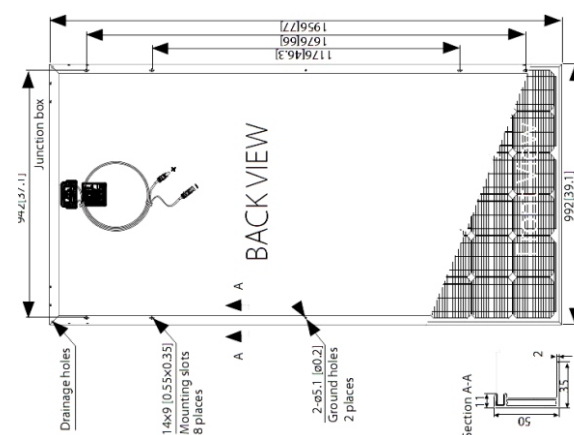
Model	CNCB200W-24	CNCB210W-24	CNCB230W-24
Nominal power Pm	200w	210W	230W
Power allowance	±5%	±5%	±5%
Optimized working voltage Vm	26.2V	26.4V	30.3V
Optimized working current Im	7.63A	7.95A	7.92A
Open circuit voltage Voc	33.6V	33.6V	37.0V
Short circuit current Isc	8.1A	8.33A	8.31A
Module efficiency	12%	12%	13%
Withstanding voltage	1000		
Dimension of module (mm)	1482×992×50		
Net weight (kg)	19		
Packing (pcs/carton)	2		
Dimension of package (mm)	1532×920×150		
Volume (m3)	0.21		
Gross weight (kg/ carton)	40		
Dimension of pallet (mm)	1562×1080×1950		
Quantity in a 40' container	20carton/pallet×13 pallet =260carton (520pcs)		
Time returnable &replaceable	2 year		
Power attenuation	10year≤10% 20 year≤20%		

Mono-crystalline Modules CNCB240W-24 CNCB250W-24

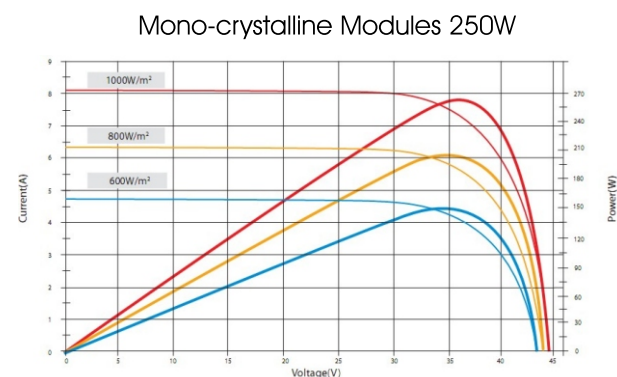
Features

- ◎ High Efficiency
- ◎ CE,TUV junction box
- ◎ Lifetime:25 years
- ◎ Warranty:2 years
- ◎ 90% power 10 years
- ◎ 80% power 20 years

Characteristics



(Mono-crystalline Modules 250W 156*156)



Specification:

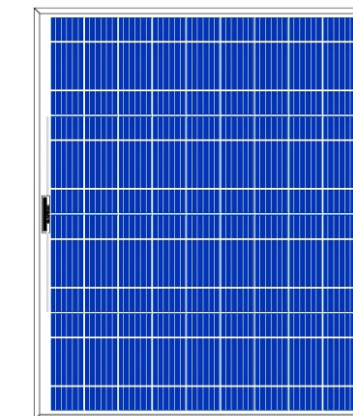
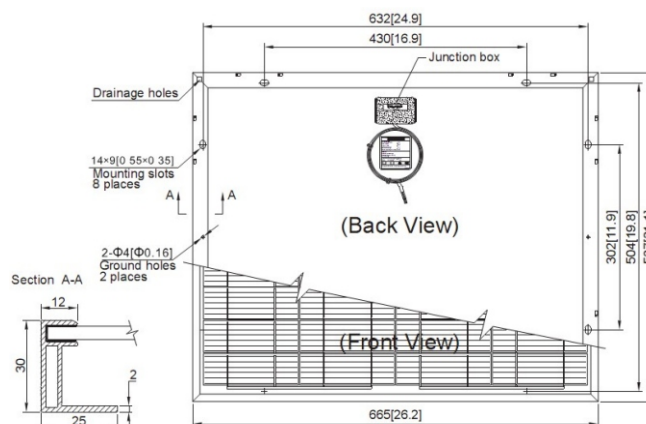
Model	CNC240W-24	CNC250W-24
Nominal power (Pm)	240W	250W
Power allowance	±5%	±5%
Optimized working voltage (Vm)	34.3V	34.4V
Optimized working current (Im)	7.00A	7.26A
Open circuit voltage (Voc)	43.2V	43.2V
Short circuit current (Isc)	7.7A	7.82A
Module efficiency	12.40%	12.90%
Withstanding voltage	1000DC	
Dimension of module (L)	1956×992×50	
Net weight (Kg)	23	
Packing (pcs/Mcarton)	2	
Dimension of package (L)	2006×1036×130	
Volume (m3)	0.27	
Gross weight (Kg/carton)	55	
Dimension of pallet	2036×1080×1970	
Quantity in a 40' container	14carton/pallet×11pallet=154carton(308pcs)	
Time returnable and replaceable	2year	
Power attenuation	10year≤10%20year≤20%	

Poly-crystalline Modules CNCC10W-12 CNCC20W-12 CNCC40W-12

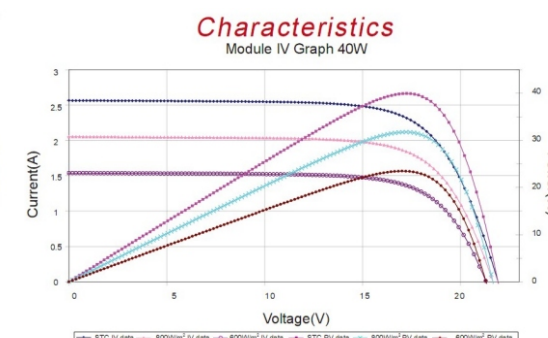
Features

- ◎ High Efficiency
- ◎ 12V DC standard output
- ◎ CE,TUV junction box
- ◎ Lifetime:25 years
- ◎ Warranty:2 years
- ◎ 90% power 10 years
- ◎ 80% power 20 years

Characteristics



(Poly-crystalline Modules 40W)



Specification:

Model	CNCC10W-12	CNCC20W-12	CNCC40W-12
Nominal power Pm	10W	20W	40W
Power allowance	±10%	±10%	±10%
Optimized working voltage Vm	16.6V	17.3V	17.2V
Optimized working current Im	0.60A	1.16A	2.33A
Open circuit voltage Voc	21.3V	21.9V	21.8V
Short circuit current Isc	0.68A	1.19A	2.54A
Module efficiency	8.80%	10.20%	11.80%
Withstanding voltage	DC715V		
Dimension of module (mm)	310*368*18	640*306*18	630*541*30
Net weight (kg)	1.5	2.5	4.5
Packing (pcs/carton)	20	10	2
Dimension of package (mm)	Package of inside	Package of inside	680*585*90
	320*382*28	650*320*28	
	Package of outside	Package of outside	
	334*620*397	664*335*330	
Volume (m3)	0.077	0.067	0.036
Gross weight (kg/ carton)	35	30	12
Dimension of pallet (mm)	1200*800*1825	1382*950*1825	1390*700*1950
Quantity in a 20' container	20carton/ pallet×8 pallet =160 carton (3200pcs)	30carton/ pallet×8 pallet =240 carton (2400pcs)	48carton/ pallet×10 pallet =480 carton (960pcs)
Time returnable and replaceable	2 year		
Power attenuation	10year≤10%20 year≤20%		

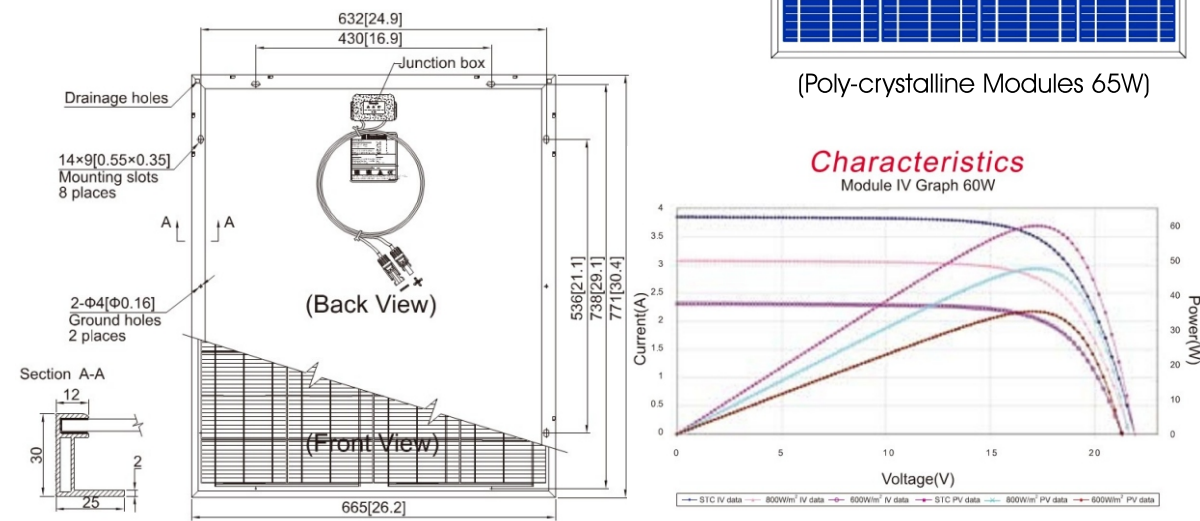
Poly-crystalline Modules

CNCC45W-12 CNCC65W-12 CNCC70W-12

Features

- High Efficiency
- 12V DC standard output
- CE,TUV junction box
- Lifetime:25 years
- Warranty:2 years
- 90% power 10 years
- 80% power 20 years

Characteristics



Specification:

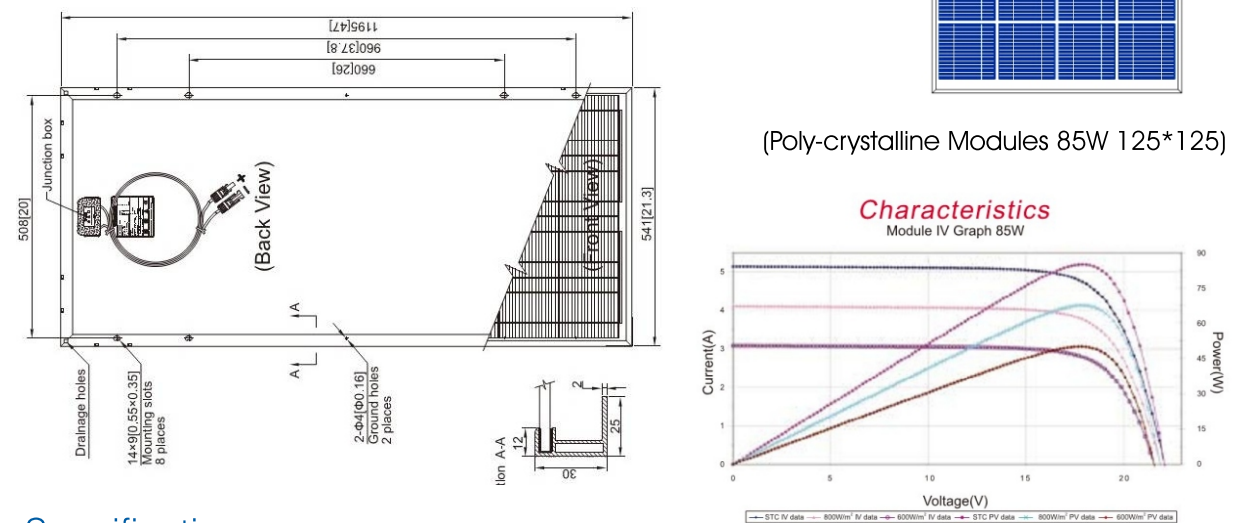
Model	CNCC45W-12	CNCC65W-12	CNCC70W-12
Nominal power Pm	45W	65W	70W
Power allowance	±10%	±10%	±10%
Optimized working voltage Vm	17.2V	17.2V	17.5V
Optimized working current Im	3.49A	3.78A	4.0A
Open circuit voltage Voc	21.6V	21.8V	22.2V
Short circuit current Isc	3.85A	3.93A	4.03A
Module efficiency	11.70%	12.70%	13.70%
Withstanding voltage	715		
Dimension of module (mm)	771×665×30		
Net weight (kg)	6.2		
Packing (pcs/carton)	2		
Dimension of package (mm)	821×709×90		
Volume (m3)	0.06		
Gross weight (kg/ carton)	15		
Dimension of pallet (mm)	850×950×1950		
Quantity in a 20' container	24carton/pallet×12pallet =288carton (576pcs)		
Time returnable and replaceable	2 year		
Power attenuation	10year≤10%20 year≤20%		

Poly-crystalline Modules CNCC80W-12 CNCC85W-12 CNCC90W-12

Features

- High Efficiency
- 12V DC standard output
- CE,TUV junction box
- Lifetime:25 years
- Warranty:2 years
- 90% power 10 years
- 80% power 20 years

Characteristics



Specification:

Model	CNCC80W-12	CNCC85W-12	CNCC90W-12
Nominal power Pm	80W	85 W	90 W
Power allowance	±5%	±5%	±5%
Optimized working voltage Vm	17.2V	17.5V	17.6V
Optimized working current Im	4.65A	4.86A	5.11A
Open circuit voltage Voc	21.8V	22.2V	22.4V
Short circuit current Isc	5.07A	5.29A	5.51A
Module efficiency	12.40%	13.10%	13.90%
Withstanding voltage	DC715V		
Dimension of module (mm)	1196*541*30		
Net weight (kg)	8		
Packing (pcs/carton)	2		
Dimension of package (mm)	1246*585*100		
Volume (m3)	0.073		
Gross weight (kg/ carton)	19		
Dimension of pallet (mm)	1280*740*2050		
Quantity in a 20' container	22carton/pallet×12 pallet =264 carton (528pcs)		
Time returnable and replaceable	2 year		
Power attenuation	10year≤10% 20 year≤20%		

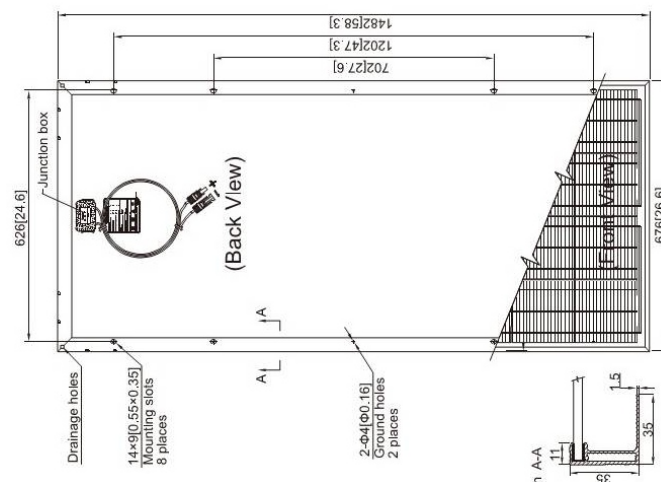
Poly-crystalline Modules

CNCC100W-12 CNCC120W-12
CNCC130W-12 CNCC140W-12

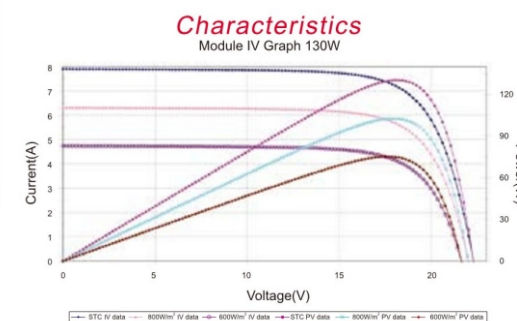
Features

- High Efficiency
- 12V DC standard output
- CE,TUV junction box
- Lifetime:25 years
- Warranty:2 years
- 90% power 10 years
- 80% power 20 years

Characteristics



(Poly-crystalline Modules 130W 156*156)



Specification:

Model	CNCC100W-12	CNCC120W-12	CNCC130W-12	CNCC140W-12
Nominal power Pm	100W	120W	130W	140W
Power allowance	±5%	±5%	±5%	±5%
Optimized working voltage Vm	17.1V	17.1V	17.1V	17.5V
Optimized working current Im	5.78A	7.02A	7.6A	8.0A
Open circuit voltage Voc	21.4V	21.6V	21.8V	22.2V
Short circuit current Isc	7.54A	7.7A	7.85A	8.06A
Module efficiency	12%	12%	13%	14%
Withstanding voltage	1000			
Dimension of module (mm)	1482×676×35			
Net weight (kg)	11.5			
Packing (pcs/carton)	2			
Dimension of package (mm)	1532×720×100			
Volume (m3)	0.11			
Gross weight (kg/ carton)	26			
Dimension of pallet (mm)	1562×964×1950			
Quantity in a 40' container	22carton/pallet×14 pallet = 308carton (616pcs)			
Time returnable & replaceable	2 year			
Power attenuation	10year≤10%20 year≤20%			

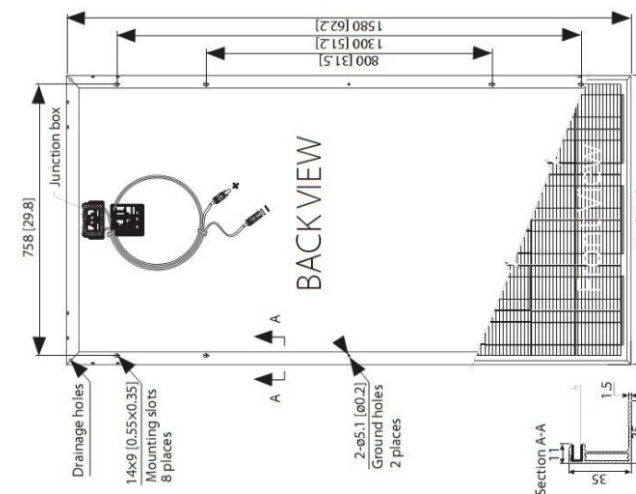
Poly-crystalline Modules

CNCC165W-24 CNCC170W-24
CNCC175W-24 CNCC180W-24

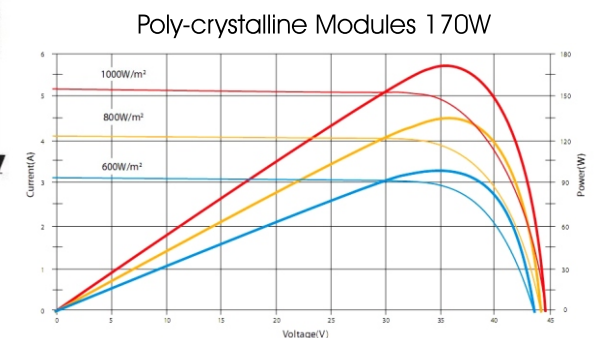
Features

- High Efficiency
- CE,TUV junction box
- Lifetime:25 years
- Warranty:2 years
- 90% power 10 years
- 80% power 20 years

Characteristics



(Poly-crystalline Modules 170W 125*125)



Specification:

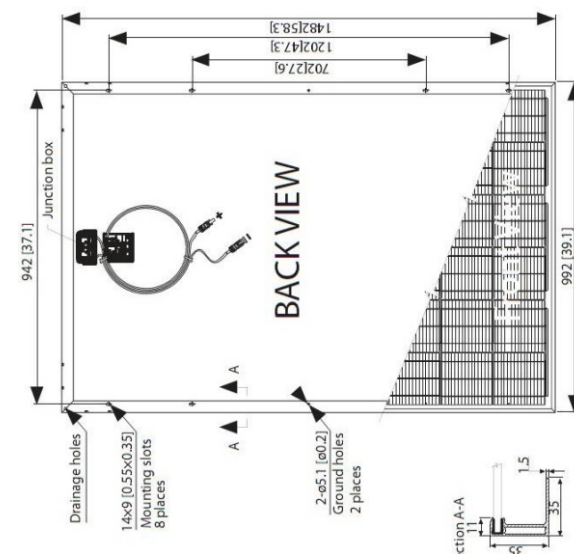
Model	CNCC165W-24	CNCC170W-24	CNCC175W-24	CNCC180W-24
Nominal power (Pm)	165W	170W	175W	180W
Power allowance	±3%	±3%	±3%	±3%
Optimized working voltage (Vm)	34.8V	35.2V	35.2V	35.57V
Optimized working current (Im)	4.74A	4.83A	4.97A	5.06A
Open circuit voltage (Voc)	44.0V	44.3V	44.3V	44.8V
Short circuit current (Isc)	5.18A	5.25A	5.3A	5.51A
Module efficiency	12.90%	13.30%	13.70%	14.10%
Withstanding voltage	DC1000V			
Dimension of module (L)	1580×808×35			
Net weight (Kg)	15			
Packing (pcs/Mcarton)	2			
Dimension of package (L)	1630×855×100			
Volume (m3)	0.139			
Gross weight (Kg/carton)	35			
Dimension of pallet	1660×1100×1950			
Quantity in a 40' container	22carton/pallet×14pallet=308carton(616pcs)			
Time returnable & replaceable	2year			
Power attenuation	10year≤10%20year≤20%			

Poly-crystalline Modules CNCC200W-24 CNCC210W-24 CNCC220W-24 CNCC230W-24

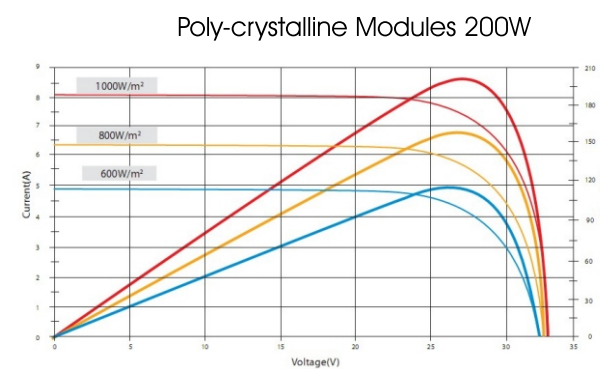
Features

- High Efficiency
- CE,TUV junction box
- Lifetime:25 years
- Warranty:2 years
- 90% power 10 years
- 80% power 20 years

Characteristics



(Poly-crystalline Modules 200W 156*156)



Specification:

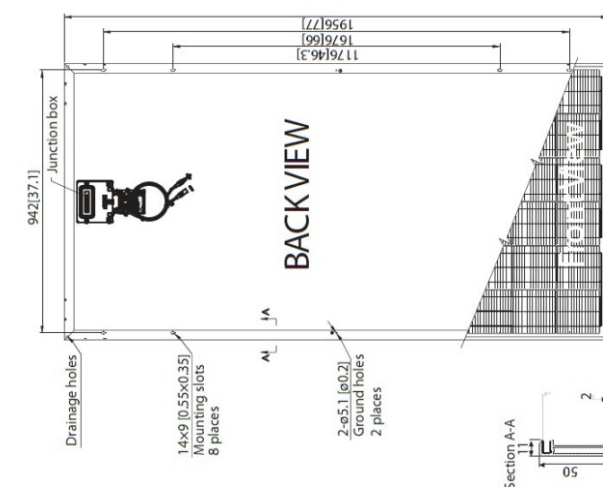
Model	CNCC200W-24	CNCC210W-24	CNCC220W-24	CNCC230W-24
Nominal power (Pm)	200W	210W	220W	230W
Power allowance	±5%	±5%	±5%	±5%
Optimized working voltage (Vm)	26.2V	26.4V	29.5V	29.8V
Optimized working current (Im)	7.63A	7.24A	7.45A	7.73A
Open circuit voltage (Voc)	33.4V	33.6V	37.0V	37.0V
Short circuit current (Isc)	8.12A	8.33A	8.1A	8.22A
Module efficiency	12%	12%	13%	13%
Withstanding voltage	1000			
Dimension of module (L)	1482×992×50			
Net weight (Kg)	19			
Packing (pcs/Mcarton)	2			
Dimension of package (L)	1532×920×150			
Volume (m3)	0.21			
Gross weight (Kg/carton)	40			
Dimension of pallet	1562×1080×1950			
Quantity in a 40' container	20carton/pallet×13 pallet =260carton (520pcs)			
Time returnable &replaceable	2 year			
Power attenuation	10year≤10% 20 year≤20%			

Poly-crystalline Modules CNCC240W-24 CNCC250W-24

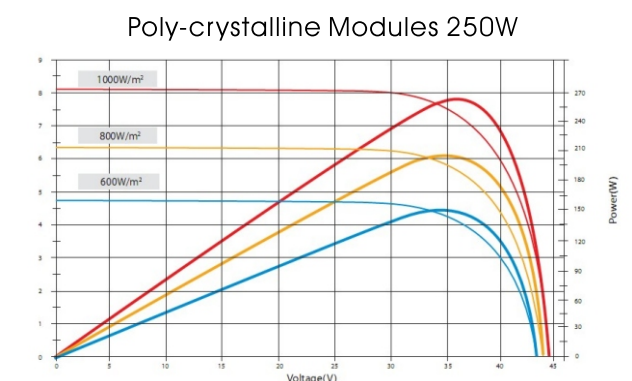
Features

- High Efficiency
- CE,TUV junction box
- Lifetime:25 years
- Warranty:2 years
- 90% power 10 years
- 80% power 20 years

Characteristics



(Poly-crystalline Modules 250W 156*156)



Specification:

Model	CNCC240W-24	CNCC250W-24
Nominal power (Pm)	240 W	250W
Power allowance	±5%	±5%
Optimized working voltage (Vm)	34.2 V	34.3V
Optimized working current (Im)	7.02A	7.28A
Open circuit voltage (Voc)	43.2	43.2V
Short circuit current (Isc)	7.7A	7.82A
Module efficiency	12.40%	12.90%
Withstanding voltage	1000DC	
Dimension of module (L)	1956×992×50	
Net weight (Kg)	23	
Packing (pcs/Mcarton)	2	
Dimension of package (L)	2006×1036×130	
Volume (m3)	0.27	
Gross weight (Kg/carton)	55	
Dimension of pallet	2036×1080×1970	
Quantity in a 40' container	14carton/pallet×11pallet=154carton(308pcs)	
Time returnable and replaceable	2year	
Power attenuation	10year≤10%20year≤20%	

Expoy Resin sealed Solar Panel



Main Characteristic of Mini Solar Panel:

1. The mini epoxy solar panels are made of monocrystalline or polycrystalline silicone. The encapsulation materials are made of special epoxy resin. Characterized by anti-humidity, insulation, excellent transperence and anti-aging,as well as smoothness, no bubble and neat appearance.
2. They can be widely used in solar lawn lamps, solar toys, solar chargers and solar signal lights.
3. We can customize carious styles and specifications of epoxy encapsulated solar panels according to your requirements.

Item No	MaxPower(W)	Dim(mm)	Max(MA)	Max Vol(V)	Short Circuit Current(MA)	Open Circuit Voltage(V)
CNCA166060	0.16	60×60	80	2	86	2.4
CNCA246060	0.24	60×60	120	2	129	2.4
CNCA146060	0.14	60×60	70	2	81	2.4
CNCA085555	0.08	55×55	40	2	48	2.4
CNCA386060	0.38	60×60	100	4	108	4.4
CNCA306060	0.3	60×60	80	4	88	4.4
CNCA226060	0.22	60×60	60	4	66	4.4
CNCA256060	0.25	60×60	100	2.5	108	2.8
CNCA206060	0.2	60×60	80	2.5	86	2.8
CNCA145555	0.14	55×55	50	3	55	3.4
CNCA197070	0.19	70×70	50	4	55	4.4
CNCA388060	0.38	80×60	100	4	108	4.4
CNCA55110110	0.55	110×110	40	14	44	16.5

Solar Charger Controller

**CNCD-5A CNCD-10A
CNCD-12A**

The CINCO Solar Charge Controller applies in solar photovoltaic systems, which coordinates the working of solar panels, batteries and loads. It adds some protection functions, so that the entire system can be in efficient and safe operation.

CNCD series charge controllers apply to all types of photoelectric panels and various types of batteries, MCU (MicroProcessing Controller) has PWM (Pulse Modulation Widefrequency) 0~100% variable duty cycle process.

Functions:

1. Applying with various types of batteries
2. Automatic recognition of input voltage
3. Micro processing controller Pulse Modulation Wide-frequencyPWMcharge
4. Temperature sensor for charging a battery in compensation
5. Overloading protection (automatic comeback)
6. Overcharge protection
7. The temperature compensatae
8. Short circuit protection (automatic comeback)
9. Thunder protection
10. Reversed discharge protection
11. Conversed polarity connection protection (automatic comeback)
12. Low voltage protection



Specification:

Item No	CNCD-5Amp	CNCD-10Amp	CNCD-12Amp
Rated Voltage	12V/24V	Automatic distinguish voltage	
Loading current Max	5A	10A	12A
Full charge cut	13.7V/27.4V		
Low voltage cut	10.5~11V/21V~22V		
Temperature compensation	-3mv//cell		
No load loss	≤20mA		
Wire area Min	2.5mm ²		
Voltage drop	<140mv	<200mv	<210mv

Solar Charger Controller CNCD-15A CNCD-20A CNCD-25A

The Solar Charge Controller could store DC generated by solar panels into battery, which could effectively provide living and industrial using electricity in some remote areas and tourism destination areas where have no electric power facilities and electricity network, and have no negative effect on environment.

Solar Charge Controller apply to all types of photoelectric panels and various types of batteries, MCU (Micro Processing Controller) has PMW (Pulse Modulation Widefrequency) 0~100% variable duty cycle process. Depending on the types and actual charging situation of the battery, CNCD controller series can provide the fast and best charging voltage and electricity from the PV panel. Solar Charge Controller are equipped with advanced manmachine interactive function, sothe user can adjust the charging voltage.

Functions:

1. Automatic recognition of input voltage
2. Applying with various types of durable batteries
3. Micro processing controller Pulse Modulation
Wide-frequency PWM charge
4. Setting the voltage of low voltage cut-off/resuming
connection of the DC output of the load port
5. Temperature sensor for charging a battery in
compensation
6. Protective circuit of PV from reverse-charging.
7. Overloading protection
8. Overcharge protection
9. Short circuit protection
10. The temperature compensate
11. Reversed polarity connection protection
12. Conversed discharge protection
13. Thunder protection
14. Low voltage protection



Specification:

Model	CNCD-15Amp	CNCD-20Amp	CNCD-25Amp
Rated Voltage	12V/24V/48V Automatic distinguish voltage		
Loading current Max	15A	20A	25A
Full charge cut	13.7V/27.4V/52.8V		
Low voltage cut	10.5~11V/21V~22V/43.2-44V		
Temperature compensation	-3mv//cell		
No load loss	≤30mA		
Wire area Min	4mm ²		
Voltage drop	<200mv	<240mv	<280mv

Solar Charger Controller CNCD-30A CNCD-40A CNCD-50A

Solar Charge Controllers apply to all types of photoelectric panels and various types of batteries,MCU (MicroProcessing Controller) has PMW (Pulse Modulation Widefrequency) 0~100% variable duty cycle process. Depending on the types and actual charging situation of the battery, CNCD controller series can provide the fast and best charging voltage and electricity from the PV panel.

Functions:

1. Overloading protection
2. Short circuit protection
3. Conversed discharge protection
4. Reversed polarity connection protection
5. Thunder protection
6. Low voltage protection
7. Overcharge protection
8. Batteries stop and charge voltage HVD sets up
9. Charge and low voltage LCD sets up
10. Display the capability of the battery SOC
11. Loads and comeback setups.
12. Intellectualized temperature compensation
13. Store, calculate and display the charged
AH on the LCD screen.
14. Store, calculate and display the discharged
A on the LCD screen.
15. CPU control and LCD-display



Specification:

Model	CNCD-30Amp	CNCD-40Amp	CNCD-50Amp
Rated Voltage	12V/24V/48V Automatic distinguish voltage		
Loading current Max	30A	40A	50A
Full charge cut	13.7V/27.4V/52.8V		
Low voltage cut	10.5~11V/21V~22V/43.2-44V		
Temperature compensation	-3mv//cell		
No load loss	≤45mA		
Wire area Min	6mm ²		
Voltage drop	<200mv	<240mv	<270mv

Solar Charger Controller CNCD-60A CNCD80A CNCD-110A

Solar Charge Controllers apply to all types of photoelectric panels and various types of batteries,MCU (MicroProcessing Controller) has PMW (Pulse Modulation Widefrequency) 0~100% variable duty cycle process. Depending on the types and actual charging situation of the battery, CNCD controller series can provide the fast and best charging voltage and electricity from the PV panel.

CNCD are equipped with advanced manmachine interactive function, so the user can adjust the charging voltage.CNCD Solar Charge Controller is applicable to solar photovoltaic systems coordinating the operation of solar panels, batteries and loads. With additional protection functions, it makes the whole system operating efficiently and safely

Functions:

1. Overloading protection
2. Short circuit protection
3. Conversed discharge protection
4. Reversed polarity connection protection
5. Thunder protection
6. Low voltage protection
7. Overcharge protection
8. Batteries stop and charge voltage HVD sets up
9. Charge and low voltage LCD sets up
10. Display the capability of the battery SOC
11. Loads and comeback setups.
12. Intellectualized temperature compensation
13. Store, calculate and display the charged AH on the LCD screen.
14. Store, calculate and display the discharged A on the LCD screen.
15. CPU control and LCD-display



Specification:

Type	CNCD-60Amp	CNCD-80Amp	CNCD-110Amp
rated voltage	48V		
maximum loading current	60A	80A	110A
Load off voltage	42V Default,or user set		
Charge off voltage	54.8VDefault,or user set		
resumed voltage of boot-strap	50.4VDefault,or user set		
temperature compensation	-3mv/cell.		
unloaded waste	≤60mA		
minimum area of connection	25mO		
loop voltage drop	600mv		
GW/NW:	7.8KGS/7.2KGS		
Product Size:	480*265*120mm		

Solar Charger Controller FOR LIGHTING CNCDL-5A CNCDL-10A CNCDL-15A

Waterproof Street Lamp Controller is the newest patent products of the Blue light Company, which fits for the solar lighting system that is automatically controlled below 280W for both lighting and solar panel.



Functions:

1. It can prevent the battery from over-charging and over-discharging.
2. It can prevent reverse charging (the battery charges the solar panel).
3. It can prevent reverse connection of the battery and solar panel.
4. It will start up the lighting system in the evening automatically according to the intensity of the light.
5. It will shut down the lighting system according to the time setting or shut down the lighting system automatically when it is dawn.
6. It has a LET indicator of the working condition of charging and discharging:
 - l One piece of Charge Indicator LED (mark: Charge). When it is bright, the battery is charged strongly; flickeringly means floating charge, no light means stop charging.
 - l One piece of Load Indicator LED (mark: Light). When it is bright, there is output and load can work; if LED goes out, means there isn't output and the load cannot work.
 - l 3. Battery indicator: red under =voltage Green =full Yellow =normal

Specification:

Model	CNCDL-5A		CNCDL-10A		CNCDL-15A	
System voltage	12V/24V		12V/24V		12V/24V	
Max charge current	5A		10A		15A	
Max discharge current	5A		10A		15A	
Charge off voltageHVD	14.4V/28.8V		14.4V/28.8V		14.4V/28.8V	
Low Voltage DirectiveLVD	10.8V/21.6V		10.8V/21.6V		10.8V/21.6V	
Low Voltage RestoreLVR	11.8V/23.6V		11.8V/23.6V		11.8V/23.6V	
Light operate model	10 sectional	20 regular time	10 sectional	20 regular time	10 sectional	20 regular time
Out put route	single bulb double bulb	single bulb double bulb	single bulb double bulb	single bulb double bulb	single bulb double bulb	single bulb double bulb
Ambient temperature	-25-45					
Safe degree	IP55					
Quiescent dissipation	5mA		10mA		15mA	
Max loop voltage drop	260 mV		350mV		350 mV	
Weight	250g		250g		250g	
Size	144*99*34mm		144*99*34mm		144*99*34mm	

Modified Sine Wave Inverter

Solar Power Inverter,a convenient power inverter,could perform the conversion of 12V/24 DC into 220V/110 AC suitable for electric appliances usage.

It is of stable performance,overload and short circuit protections,good output wave,long service life,high efficiency and low noise.

Functions:

- 1.Overloading protection
- 2.Temperature protection
- 3 . Short circuit protection
- 4. Reversed connection protection

Specification:

Item No	Input Vol.	Power	Input Current	Output Voltage	Frequency	Efficiency
CNCE-300W	12V,24V	300W	0.5-25A	110V,220V	50-60Hz	80%
CNCE-500W	12V,24V	500W	0.5-50A	110V,220V	50-60Hz	80%
CNCE-1000W	12V,24V	1000W	1-45A	110V,220V	50-60Hz	92%
CNCE-1500W	12V,24V	1500W	1-65A	110V,220V	50-60Hz	92%
CNCE-2000W	12V,24V	2000W	1-85A	110V,220V	50-60Hz	92%



Pure Sine Wave Inverter

Pure sine wave inverter is of high performance representing the highest level in the field of inverter manufacture.

It adopts microcomputer to fulfill autocontrol. It outputs high quality sine wave AC with high conversion efficiency to provide power supply for electric appliance such as electric fans, refrigerators, air conditioners, computers and so on.

Functions:

- 1.Overloading protection
- 2.Temperature protection
- 3 . Short circuit protection
- 4. Reversed connection protection

Specification:

Item No	Input Voltage	Input Power	No Load Loss	Output Voltage	Frequency	Efficiency
CNCF-1000W	12V/24V	1000W	≤0.5%	110V,220V	50-60Hz	90%
CNCF-1500W	12V/24V	1500W	≤0.5%	110V,220V	50-60Hz	90%
CNCF-2000W	12V/24V	2000W	≤0.5%	110V,220V	50-60Hz	90%
CNCF-2500W	24V/48V	2500W	≤0.5%	110V,220V	50-60Hz	90%
CNCF-3000W	24V/48V	3000W	≤0.5%	110V,220V	50-60Hz	92%
CNCF-4000W	48V	4000W	≤0.5%	110V,220V	50-60Hz	92%
CNCF-4500W	48V	4500W	≤0.5%	110V,220V	50-60Hz	92%
CNCF-5000W	48V	5000W	≤0.5%	110V,220V	50-60Hz	93%



On-grid Solar Inverter CNCK-1500W

Max. DC Voltage	450Vdc
MTP Range	150~380Vdc
Max. DC Power	1700Wp
Max. Input Current	10A
Max.Number of Strings	1

AC Output	
Output Power	1500W
Operating Voltage	180~260Vac
Operating Frequency	50Hz/60Hz
Current THD	< 3%(at nominal power)
Power Factor	~1(at nominal power)

System	
Max. Efficiency	95%
Euro Efficiency	93%
Protection Degree	IP41 (indoor)
Operating Temp.	-20~+40°C
Ventilation Method	natural cooling
Humidity	0~95%, non-condensing
Acoustic Noise Level	<40dBA
Comm. Interfaces	standard: RS485
	optional: ethernet/GPRS
Display	LCD

Mechanical Data	
W H D	288 417 123 (mm)
Weight	10.3kg



On –grid Solar Inverter CNCK–3000W

DC Input	
Recommended	2kW
Generator Rated Power	
DC Input Voltage Range	230Vdc - 450Vdc
Max. Input Current	18A

AC output	
Max. AC Power	3600W
Nominal Output Power	3KW
Current THD	<3% (at nominal power)
Nominal Grid Voltage	180Vc - 260Vac (1ø)
Nominal Output Current	13A
Nominal Grid Frequency	50Hz/60Hz
Power Factor	~1(at nominal power)

System	
Max. Efficiency	94%
Euro Efficiency	93%
Protection Degree	IP65 (outdoor)
Operating Temp.	-25~ + 60°C
Ventilation Method	natural cooling
Humidity	0~95%, non-condensing
Acoustic Noise Level	<40dBA
Comm. Interfaces	standard: RS485
	optional: ethernet/GPRS
Display	LCD

Mechanical Data	
W H D	490 380 177 (mm)
Weight	44kg



On –grid Solar Inverter CNCK–5000W

DC Input	
Max. DC Voltage	780Vdc
MTTP Range	300~650Vdc
Max. DC Power	5500Wp
Max. Input Current	20A
Max.Number of Strings	4

AC Output	
Output Power	5000W
Operating Voltage	180~260Vac
Operating Frequency	50Hz/60Hz
Current THD	< 3%(at nominal power)
Power Factor	~1(at nominal power)

System	
Max. Efficiency	94%
Euro Efficiency	93%
Protection Degree	IP65 (outdoor)
Operating Temp.	-25~ + 60°C
Ventilation Method	fan cooling
Humidity	0~95%, non-condensing
Acoustic Noise Level	<40dBA
Display	LCD

Mechanical Data	
W H D	410 580 283 (mm)
Weight	65kg



On –grid Solar Inverter CNCK–6000W

DC Input	
Max. DC Voltage	780Vdc
MTTP Range	320~650Vdc
Max. DC Power	6600Wp
Max. Input Current	20A
Max.Number of Strings	4

AC Output	
Output Power	6000W
Operating Voltage	180~260Vac
Operating Frequency	50Hz/60Hz
Current THD	< 3%(at nominal power)
Power Factor	~1(at nominal power)

System	
Max. Efficiency	94%
Euro Efficiency	93%
Protection Degree	IP65 (outdoor)
Operating Temp.	-25~+60°C
Ventilation Method	fan cooling
Humidity	0~95%, non-condensing
Acoustic Noise Level	<40dBA
Display	LCD

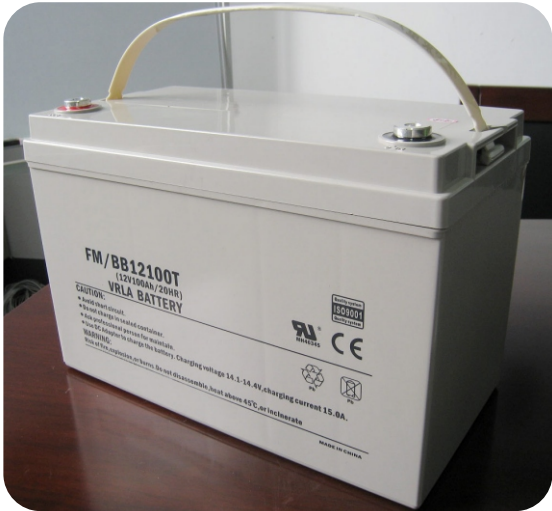
Mechanical Data	
W H D	410 580 283 (mm)
Weight	65kg



GEL Battery

Functions:

1. Maintenance without Compensating acid liquid
2. Lifetime:5 years
3. Safety explode defence
4. Small resistance,big current discharge
5. No dissociate electrolyzed,put on 90 degree.
6. Low self-discharge
7. In convenience with the change
8. Material mixed distinctive,good at the character of Returning from deep discharge
9. Maintenance-free,no need for adding solution.
10. Wide range of applicable temperature(-35-45C)
11. Safe & explosion resistance
12. Containing no free electrolytic solution,can be used when being inclined by 90 degree.
13. Small internal resistance,good discharging property for high current.
14. Unique formula for small self-discharging,and good restoration property for deep layer discharging.



Specification:

Type	Work Vol.	Rated Capacity	Length		Width		Height		Total height		Weight	Terminal Type
	VDC	(Ah)	mm	in	mm	in	mm	in	mm	in	Kg	
NP4-12	12	4	90	3.54	70	2.76	101	3.98	107	4.21	1.8	T1
NP7-12	12	7	151	5.94	65	2.56	95	3.74	101	3.98	2.66	T1
NP10-12	12	10	151	5.94	65	2.56	111	4.37	117	4.61	3.2	T1
NP15-12	12	15	151	5.94	98	3.86	95	3.74	101	3.98	4.3	T3
NP18-12	12	18	181	7.13	77	3.03	167	6.57	167	6.57	5.7	T3
NP26-12	12	26	166	6.54	175	6.89	125	4.92	125	4.92	8.6	T13
NP34-12	12	34	195	7.68	130	5.12	159	6.26	180	7.09	10.2	T16
NP40-12	12	40	197	7.76	165	6.5	170	6.69	170	6.69	13.5	T16
NP50-12	12	50	239	9.41	132	5.2	205	8.07	235	9.25	18	T16
NP65-12	12	65	350	13.8	167	6.57	179	7.05	183	7.2	22.2	T16
NP70-12	12	70	260	10.2	169	6.7	211	8.3	215	8.5	25	T16
NP100-12	12	100	407	16	174	6.85	209	8.23	233	9.17	38	T16
NP150-12	12	150	485	19.1	172	6.77	240	9.45	240	9.45	44	T19
NP200-12	12	200	522	20.6	238	9.37	218	8.58	240	9.45	65	T19

LED Solar Camping Lantern

A solar camping lantern is a great investment for the environmentally responsible outdoor enthusiast. Responsible use of the earth's resources is an important factor weighing heavily on the minds of vendors and consumers alike



Solar Panel	2.5W Mono-crystalline silicon tempered glass encapsulation Life Time: 25 years
Battery	Sealed Lead-acid Battery (6V, 2.5AH)
Light Sources	3W Super Led Light 36pcs Life Time: 100000 Hrs
Controller	Over-charging protection (7V-7.2V) Over-discharging protection (4.7V-5.2V)
Accessories	1. 110/220V transformer included 2. Car Plug included
Charging Time	1. Charged by AC transformer: 10 hrs 2. Charged by Car battery: 10 hrs 3. Charged by Solar Panel: 8-12 hrs
Duration Time	6-8 hrs with fully charged
Lead Time	30 days
Packaging	1. Lantern Size: Dia12.5*26CM 2. Color Box Size: 18*16.5*32cm (1 pc/Box) 3. Carton Size: 68*36.5*36.4cm (8 pc/Carton) 4. Gross Weight: 18kg Net Weight: 17kg 5. Qty/20 FCL: 2,500pcsQty/40 FCL: 5,000pcs

CNCS Series LED Solar Street Light

Applications:

- Major Roadways
- Residential Streets
- Pedestrian Walkways
- Parking Lots
- Docks and Piers
- Remote and Rural Locations
- High crime areas

Features:

- 1) Low-cost installation. No trenching, no heavy cable, quick and easy installation anywhere.
- 2) Green Light Source. 40-70% less power consumption than other light sources. Our LED/Induction lights emit no light pollution, provides bright white light which improves color recognition and improves night visibility from 400%-1000% over other light sources.
- 3) Flexible configuration. Our solar lights can be easily configured to suite your requirements with solar module, solar controller, LED light, and battery bank.
- 4) Advanced control unit. Our Solar light controller provides easy configuration, automatic operations and advanced work modes.
- 5) 3-7 days backup power for rainy, windless and cloudy days.
- 6) Grid-independent and No Bill to pay. Our Street light still operates even when the power grid is down, and even better, there will never be an electricity bill to pay.



General Type



Specification:

Model	PV Array	LED lamp	Charger Controller	Battery Bank	Pole Height	Power Guarantee
CNCS-15W	40W	15W	5A 12V	40AH 12V	4meter	two rain days
CNCS-21W	50W	21W	5A 12V	65AH 12V	4meter	two rain days
CNCS-30W	80W	30W	10A 12V	100AH 12V	6meter	three rain days
CNCS-60W	150W	60W	15A 12V	200AH 12V	8meter	three rain days
CNCS-80W	200W	80W	10A 24V	300AH 12V	8meter	three rain days
CNCS-100W	280W	100W	12A 24V	400AH 12V	10meter	three rain days

Note: ① effective times of the sun light :5hours ② Working hours:8 hours everyday

Solar Water Pump

Features:

- 1) High efficiency & high reliability
- 2) Driven by PM ,brushless DC Motor
- 3) Minimum maintenance,long life & without watching
- 4) All the necessary production
- 5) Environment friendly materials, lubricate without oil

Applications:

- 1) village or family water supply
- 2) Animal drinking water and lives tock watering
- 3) Garden/Courtyard irrigation
- 4) Natatorinm/swimming pool
- 5) Water supply for bivouac or camping car
- 6) Water supply for remote areas

New Technology:

Applications innovation The DC PM brushless motor has increased its efficiency up to 25% in comparison with traditional small asynchronous motor-----25% PV modules could be saved

Technology Innovation:

Stator and rotor are sealed by environment friendly casting resin. The motor's insulation resistance can be hold higher than 300MΩ, for more than 10years. It consumedly increased the security and reliability of the submersible motor.

Structure Novelty:

Casting resin technology processed stator and rotor as well as the water lubricated bearing make the submersible pump environment friendly(no even one glob oil),easy to install and more reliability.

Specification:

Item No	Water Pump				PV Panel
	Rated Power(W)	Rated Voltage(VDC)	Head(m)	Flow Rate(m3/h)	Max Power(W)
CNCL180	180	24	30	0.76	180
CNCL240	240	36	45	1.38	240
CNCL760A	760	48	30	4.36	760
CNCL760B	760	48	45	4.08	760
CNCL760C	760	48	65	2.54	760
CNCL1440A	1440	110	100	2.74	1440
CNCL1440B	1440	110	80	4.56	1440



Automatic control:

- 1) Operate automatically & without watching
- 2) Protected from dry operation
- 3) Maximal Power Point Tracking(MPPT)

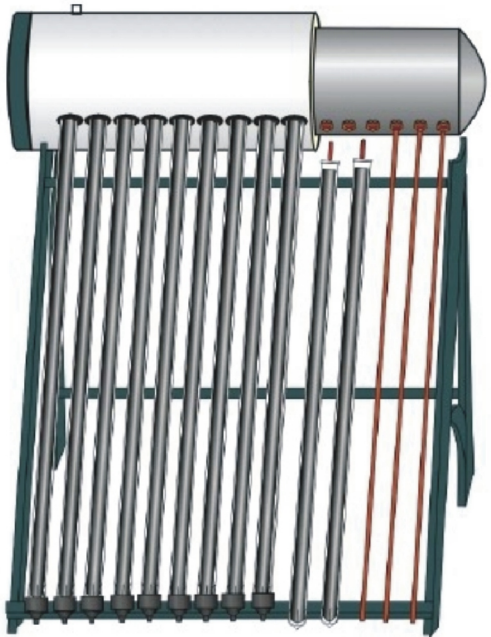
Pressured Solar Water Heater CNCGA Series

Advantages:

- Highly efficient absorber of high performance with daily average efficiency over 50%;
- Start up quickly, heat pipe transfer the heat energy into the storage tank in one direction.
- Withstand pressure of 6 Bar, can be connected directly with city water. No water inside the evacuated tubes; the solar water heater can still in service even with several tubes breakage;
- Highly efficient insulation with polyurethane foam;

Specifications:

- Material of storage tank
- Outer tank: colorful steel, 0.4mm thick
- Inner Tank: interior SUS 304-2B 1.2 mm
- thick Insulation Polyurethane foam, 50 mm
- working pressure:6Bar
- Daily efficiency: =55% (=42% in winter)
- DAC-H Technical DataIntegrated pressure system



Item No	Tube Specification	Tube Coating	Capacity	Loading quantity		
				20` GP (Sets)	40` GP (Sets)	40` HQ (Sets)
CNCGA-150H	Φ58mm*1800mm*15	Heat pipe	150L	42	84	105
CNCGA-200H	Φ58mm*1800mm*20	Heat pipe	200L	36	72	91
CNCGA-300H	Φ58mm*1800mm*30	Heat pipe	300L	27	53	66

Non-Pressur Solar Water Heater CNCGB Series

Features:

- 1) Stable and reliable performance and well wind resistance
- 2) Vacuum heat-collecting tubes at high temperature
- 3) Dual-purpose brackets for both flat and inclined
- 4) Meeting the demand of well-to-do families
- 5) Economical goods

Specifications:

- 1) Thickness of bracket: 1.5mm
- 2) vacuum tube: 58 mm x 1.8m
- 3) Inner tank: SUS304-2B food grade stainless steel
- 4) Outer tank: PVDF steel
- 5) Capacity: 90/110/130/150/180/210/240/300/300L
- 6) Insulating layer thickness: 55 - 60mm
- 7) Inner tank thickness of: 0.4 - 0.5mm
- 8) Tank diameter: 460mm
- 9) Pressure: 0Pa
- 10) Heat preservation: 72hrs
- 11) Hail resistance: 25mm



Specification:

Item No	Tube Specification	Tube Coating	Capacity	Loading quantity		
				20` GP (Sets)	40` GP (Sets)	40` HQ (Sets)
CNCGB16-150	Φ47mm*1500mm*16	AL-N-AL	90L	55	108	136
CNCGB18-150	Φ47mm*1500mm*18	AL-N-AL	110L	52	104	131
CNCGB24-150	Φ47mm*1500mm*24	AL-N-AL	150L	44	89	112
CNCGB30-150	Φ47mm*1500mm*30	AL-N-AL	200L	31	63	79
CNCGB15-180	Φ58mm*1800mm*15	AL-N-AL	150L	42	85	107
CNCGB18-180	Φ58mm*1800mm*18	AL-N-AL	180L	38	76	96
CNCGB21-180	Φ58mm*1800mm*21	AL-N-AL	210L	36	72	91
CNCGB24-180	Φ58mm*1800mm*24	AL-N-AL	240L	30	61	77
CNCGB30-180	Φ58mm*1800mm*30	AL-N-AL	300L	26	52	66

Split Pressured Water Heater CNCGC Series

Features:

- 1) The pipeline is made of red copper and conducted by heat transfer medium liquid; water can't flow in the vacuum tubes and is operated when confined; the crust uses aluminum alloy mould material of high strength with airflow design
- 2) Temperature preservation is equipped with standard electric water heater setting, automatic temperature control exchanger, and increased anode magnesium bars sticking to prevent furring
- 3) The insulating layer uses polyurethane bulk bubble and has a good effect of temperature preservation
- 4) The product successfully carries out the installation of separation according to fabricating yard and is harmoniously blended with architecture
- 5) The equipments of separated solar water heater is composed by heat collector, storage tank, electric control device, hot water mix unit and fittings for circulation and installation



Specifications:

- 1) Water tank (interior): food grade stainless steel
- 2) manifold : aluminum alloy
- 3) Glass tube: new trivalent element heat tube
- 4) solar working station
- 5) Steel tube dimensions: 58mm x 1.8m, 47mm x 1.5m
- 6) Water capacity: 150L, 200L, 300L , 500L
- 7) Pressure: 6 bar

Specification:

Item NO	Collector Model	Colle-ctor	Absorber Area	Tank Capacity	Loading quantity		
					20` GP (Sets)	40` GP (Sets)	40` HQ (Sets)
CNCGC01-150-15	Φ58mm*1800mm*15	1Pc	1.92M²	150L	33	67	80
CNCGC01-150-20	Φ58mm*1800mm*20	1Pc	2.57M²	150L	30	62	74
CNCGC01-200-20	Φ58mm*1800mm*20	1Pc	2.57M²	200L	28	58	68
CNCGC01-200-24	Φ58mm*1800mm*12	2Pc	3.06M²	200L	26	53	62
CNCGC01-300-30	Φ58mm*1800mm*15	2Pc	3.84 M²	300L	20	40	48
CNCGC01-300-36	Φ58mm*1800mm*12	3Pc	4.59M²	300L	18	37	43
CNCGC01-300-40	Φ58mm*1800mm*20	2Pc	5.14M²	300L	17	35	44
CNCGC01-500-60	Φ58mm*1800mm*20	3Pc	7.71 M²	500L	13	26	32
CNCGC02-150-30	Φ47mm*1500mm*15	2Pc	2.74M²	150L	31	62	78
CNCGC02-200-40	Φ47mm*1500mm*20	2Pc	3.68 M²	200L	24	48	62
CNCGC02-300-60	Φ47mm*1500mm*20	3Pc	5.49 M²	300L	19	38	50

pre-heater Solar Water Heater CNCGD Series

Features:

- 1) It can withstand pressure of tap water when it works
- 2) There is no need to wait
- 3) Completely automatic operation
- 4) Drinking water quality to promote life quality
- 5) Temperature preservation can last for 80 hours
- 6) Without volatile tubes
- 7) Without incrusting, long usage life

Specifications:

- 1) Body material: interior SUS 304-2B
- 2) Water tank: porcelain steel
- 3) Coil material: red copper
- 4) Water capacity: 180L, 210L, 240L, 300L, 360L
- 5) Pressure: 6 bar
- 6) Heat preservation: 80-90h
- 7) Hail resistance: 25mm
- 8) Tube standards: 18, 21, 24, 30, or 36 tubes with 58mm diameter and 1.9m /2.1m length



Specification

Item No	Tube Specification	Tube Coating	Capacity	Loading quantity		
				20`GP (Sets)	40`GP (Sets)	40`HQ (Sets)
CNCGD-210E	Φ58mm*1900mm*21	ALN/AIN-SS/CU	210L	29	60	71
CNCGD-240E	Φ58mm*1900mm*24	ALN/AIN-SS/CU	240L	26	54	64
CNCGD-300E	Φ58mm*1900mm*30	ALN/AIN-SS/CU	300L	22	45	53
CNCGD-360E	Φ58mm*1900mm*36	ALN/AIN-SS/CU	360L	19	40	47
CNCGD-210EH	Φ58mm*1800mm*21	Heat pipe	210L	29	60	71
CNCGD-240EH	Φ58mm*1800mm*24	Heat pipe	240L	26	54	64
CNCGD-300EH	Φ58mm*1800mm*30	Heat pipe	300L	22	45	53
CNCGD-360EH	Φ58mm*1800mm*36	Heat pipe	360L	19	40	47

Solar Charger

Product description:

(1) Using the high-efficiency solar panel, It can be applied to outdoor work, journey, exploration and areas that lack of electricity resources. It's a green, convenience mobile electrical resource.

(2) It has a Li-ion battery of 11000mAh3.7V as its electrical source that makes its discharge time longer. The battery has no memory effect, so it can be used longer.

(3) The solar panel is designed as folding style and can be separated from the adaptor, more convenience and easier carried.

(4) Has multi-group electrical output source and is prepared with many kinds of connections; it is

suitable for charging staple communication equipments, digital equipments and laptops.

(5) Size of adaptormm:170L×75W×30H

(6) Size of folding solar panel bag mm: 310L×130W×40H

(7) Size of unfolding solar panel bag mm 1000L×310W×3H

(8) Weight of adaptor/solar panel bag kg0.35/1

(9) G.W. Kg1.8



Solar Laptop Charger

This product is a multi-functional solar emergency charger.Built-in 1350mAh high capacity rechargeable polymer lithium battery, it can charge your mobilephone,digitalcamera,PDA,Mp3,Mp4,etc. wheneverand wherever.Style design is convenient for you to carry.



Solar Mobile Charger

Technical Specifications:

Solar panel (mono-or-multi-crystalline)	5.5V/80mA
Capacity	1350mAh
Rechargeable polymer lithium battery	3.7V-4.2V
Output Voltage	5.5V
Dimensions	95*43*12mm
Weight	72g
Charging current for the mobile phone	350mA-800mA
Charging time for the mobile phone by direct current	2.5hours
Charging time for the polymer lithium battery by solar panel	14.5hour/12hours/8.5hours
Charging time for the polymer li-Ion polymer battery by AC-DC or computer USB port	3.5hours/3h/2hours
The polymer lithium battery for flashlight and radio-listening after fully charging can las	350hours/300hours/200hours