



2011

Solar Product Catalog
Fronius USA





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	Fronius Part #	Description
Fronius Inverters		
Fronius IG Plus V Grid-Tied PV Inverters		
	4,210,111,800	Fronius IG Plus V 3.0-1 _{UNI}
	4,210,112,800	Fronius IG Plus V 3.8-1 _{UNI}
	4,210,113,800	Fronius IG Plus V 5.0-1 _{UNI}
	4,210,114,800	Fronius IG Plus V 6.0-1 _{UNI}
	4,210,115,800	Fronius IG Plus V 7.5-1 _{UNI}
	4,210,116,800	Fronius IG Plus V 12.0-3 _{WYE 277}
	4,210,117,800	Fronius IG Plus V 11.4-1 _{UNI}
	4,210,118,800	Fronius IG Plus V 10.0-1 _{UNI}
	4,210,119,800	Fronius IG Plus V 11.4-3 _{Delta}
Fronius IG Plus Grid-Tied PV Inverters		
	4,210,101,800	Fronius IG Plus 3.0-1 _{UNI}
	4,210,102,800	Fronius IG Plus 3.8-1 _{UNI}
	4,210,103,800	Fronius IG Plus 5.0-1 _{UNI}
	4,210,104,800	Fronius IG Plus 6.0-1 _{UNI}
	4,210,105,800	Fronius IG Plus 7.5-1 _{UNI}
	4,210,106,800	Fronius IG Plus 12.0-3 _{WYE 277}
	4,210,107,800	Fronius IG Plus 11.4-1 _{UNI}
	4,210,108,800	Fronius IG Plus 10.0-1 _{UNI}
	4,210,109,800	Fronius IG Plus 11.4-3 _{Delta}
	41,200,126	5-Year Extended Warranty for IG Plus & IG Plus V 3.0 and 3.8
	41,200,127	5-Year Extended Warranty for IG Plus & IG Plus V 5.0, 6.0, 7.5
	41,200,128	5-Year Extended Warranty for IG Plus & IG Plus V 10.0, 11.4-1, 11.4-3 & 12.0-3
	41,200,130	10-Year Extended Warranty for IG Plus & IG Plus V 3.0 and 3.8 NEW
	41,200,131	10-Year Extended Warranty for IG Plus & IG Plus V 5.0, 6.0, 7.5 NEW!
	41,200,132	10-Year Extended Warranty for IG Plus & IG Plus V 10.0, 11.4-1, 11.4-3 & 12.0-3 NEW!

Fronius Solar Catalog - Quick Reference Guide

	Fronius Part #	Description
Fronius IG Grid-Tied PV Inverters		
	4,200,102,800	IG 2000
	4,200,103,800	IG 3000
	4,200,110,800	IG 2500-LV
	4,200,104,800	IG 4000
	4,200,105,800	IG 5100
	4,200,111,800	IG 4500-LV
	41,200,126	5-Year Extended Warranty for IG 2000, 3000, 2500LV
	41,200,127	5-Year Extended Warranty for IG 4000, 5100, 4500LV
	41,200,130	10-Year Extended Warranty for IG 2000, 3000, 2500LV NEW!
	41,200,131	10-Year Extended Warranty for IG 4000, 5100, 4500LV NEW!

Fronius CL PV Central Inverters		
	4,210,243,800	Fronius CL - 33.3kW
	4,210,244,800	Fronius CL - 36.0kW
	4,210,245,800	Fronius CL - 44.4kW
	4,210,246,800	Fronius CL - 48kW
	4,210,247,800	Fronius CL - 55.5kW
	4,210,248,800	Fronius CL - 60kW
	44,0240,0006	Base Fronius CL USA
	4,240,140,800	Fronius String Control 250/25US

System Monitoring

DATCOM Components:		
4,240,123	Datalogger Web with new WLAN features	
41,0018,0070	WLAN USB Stick	
41,0018,0071	Industrial Grade WLAN USB Adapter	
4,240,001,Z	COM Card, Retrofit	
4,240,102	Datalogger <i>pro</i> Box (supports up to 100 inverters)	
4,240,002,Z	Datalogger <i>pro</i> Card (supports up to 100 inverters)	
4,240,103	Datalogger <i>easy</i> Box	
4,240,003,Z	Datalogger <i>easy</i> Card	
4,240,105	Datalogger Interface Box	



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Fronius Part #	Description
Fronius Auxiliary Components:	
4,240,104	Sensor Box
4,240,004,Z	Sensor Card
43,0001,1188	Sensor, Ambient Temperature
43,0001,1189	Sensor, Irradiance
43,0001,1190	Sensor, Module Temperature
42,0411,0027	Sensor, Wind Speed
4,240,108	Fronius Personal Display
4,240,008,Z	Fronius Personal Display Card
41,800,GQSPK	Service Toolkit
42,0201,2923	Fronius Buss Bar
43,0004,1692	RS-232 Null Modem Cable
43,0004,2435	CAT 5 Cable 3.3 ft.
43,0001,1211	DATCOM Power Supply
43,0003,0812	RJ45 Termination Plug
Interface Components:	
4,240,109	Interface Box
4,240,009,Z	Interface Card
4,240,013,Z	Interface Card easy
4,240,018,Z	Fronius Smart Converter RS-232 Card
4,240,118	Fronius Smart Converter RS-232 Box
4,240,119	Fronius Smart Converter USB
Display Only Inverters and Accessories	
4,210,987	Fronius IG Plus V 3.8-1 Display Only Solar Inverter
4,210,985	Fronius IG Plus V 7.5-1 Display Only Solar Inverter
4,210,986	Fronius IG Plus V 12.0-3 Display Only Solar Inverter
4,240,993	Fronius IG 3000 Display Only Solar Inverter
4,240,995	Fronius IG 5100 Display Only Solar Inverter
4,240,908	Fronius Personal Display Demo
4,045,894	Fronius Inverter Display Stand for IG series inverters
4,045,986	Fronius IG 3000 Inverter Tabletop Stand
42,0411,0047	Fronius Inverter Display Stand for IG and IG Plus series inverters
42,0411,0048	Storage bag for Fronius Inverter Display Stand

Fronius IG Plus V Grid Connected PV Inverters

The IG Plus V represents years of refinement to the existing Fronius IG series with a significant number of improvements to include a lockable code compliant DC disconnect, higher efficiency, improved power harvest, easier installation, six circuit built in string combiner and programmable output voltage of 208, 240 and 277 Volts all with the same output power (applies to inverters up to 11.4kW only) and power output available to 12kW in a single inverter. Additional features include a removable power stage for easy installation and the ability to extend the standard 10-Year Premium Warranty to 15 or 20 years for a nominal investment.

Fronius IG Plus V 3.0-1 UNI and 3.8-1 UNI

Fronius IG Plus V 3.0-1 UNI

3000 Watt continuous AC Output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 24.8 x 9.6 inches

Weight:

Power Stack 31 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus V 3.8-1 UNI

3800 Watt continuous AC output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 24.8 x 9.6 inches.

Weight:

Power Stack 31 lbs., Wiring Compartment 26 lbs.



Part Number and Product Description

Part Number	Product
4,210,111,800	Fronius IG Plus V 3.0-1 _{UNI}
44,0210,0132	USA Setup IG Plus
4,210,112,800	Fronius IG Plus V 3.8-1 _{UNI}
44,0210,0132	USA Setup IG Plus
41,200,126	5-Year Warranty Extension from 10 to 15 years for IG Plus V models 3.0-1 _{UNI} and 3.8-1 _{UNI}
41,200,130	10-Year Warranty Extension from 10 to 20 years for IG Plus V models 3.0-1 _{UNI} and 3.8-1 _{UNI}

Fronius IG Plus V Grid Connected PV Inverters

Fronius IG Plus V 5.0-1_{UNI}, 6.0-1_{UNI} and 7.5-1_{UNI}

Fronius IG Plus V 5.0-1_{UNI}

5000 Watt continuous AC Output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 36.4 x 9.6 inches

Weight:

Power Stack 57 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus V 6.0-1_{UNI}

6000 Watt continuous AC output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 36.4 x 9.6 inches

Weight:

Power Stack 57 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus V 7.5-1_{UNI}

7500 Watt continuous AC output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 36.4 x 9.6 inches

Weight:

Power Stack 57 lbs., Wiring Compartment 26 lbs.



Part Number and Product Description

Part Number	Product
4,210,113,800	Fronius IG Plus V 5.0-1 _{UNI}
44,0210,0132	USA Setup IG Plus
4,210,114,800	Fronius IG Plus V 6.0-1 _{UNI}
44,0210,0132	USA Setup IG Plus
4,210,115,800	Fronius IG Plus V 7.5-1 _{UNI}
44,0210,0132	USA Setup IG Plus
41,200,127	5-Year Warranty Extension from 10 to 15 years for IG Plus V models 5.0-1 _{UNI} , 6.0-1 _{UNI} and 7.5-1 _{UNI}
41,200,131	10-Year Warranty Extension from 10 to 20 years for IG Plus V models 5.0-1 _{UNI} , 6.0-1 _{UNI} and 7.5-1 _{UNI}

Fronius IG Plus V Grid Connected PV Inverters

Fronius IG Plus V 10.0-1 UNI, **11.4-1** UNI, **11.4-3** Delta and **12.0-3** WYE 277

Fronius IG Plus V 10.0-1 UNI

9995 Watt continuous AC output
with programmable output voltage
of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus V 11.4-1 UNI

11400 Watt continuous AC output
with programmable output voltage
of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs., Wiring Compartment 26 lbs.



Fronius IG Plus V 11.4-3 Delta

11400 Watt continuous AC output
with programmable output voltage
of 208 and 240 Volts with true three-phase
(i.e. one 3.8kW power stage per phase).

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs.

Wiring Compartment 26 lbs.

Fronius IG Plus V 12.0-3 WYE 277

12000 Watt continuous AC output with
programmable output voltage of 277 Volts
with true three-phase (i.e. one 4kW
power stage per phase).

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs.

Wiring Compartment 26 lbs.

Part Number and Product Description

Part Number	Product
4,210,118,800	Fronius IG Plus V 10.0-1 _{UNI}
<i>4,402,100,132</i>	<i>USA Setup IG Plus</i>
4,210,117,800	Fronius IG Plus V 11.4-1 _{UNI}
<i>4,402,100,132</i>	<i>USA Setup IG Plus</i>
42,101,119,800	Fronius IG Plus V 11.4-3 _{Delta}
<i>4,402,100,132</i>	<i>USA Setup IG Plus</i>
42,101,116,800	Fronius IG Plus V 12.0-3 _{WYE 277}
<i>4,402,100,132</i>	<i>USA Setup IG Plus</i>
41,200,128	5-Year Warranty Extension from 10 to 15 years for IG Plus V models 10.0-1 _{UNI} , 11.4-1 _{UNI} , 11.4-3 _{Delta} and 7.5-1 _{UNI}
41,200,132	10-Year Warranty Extension from 10 to 20 years for IG Plus V models 10.0-1 _{UNI} , 11.4-1 _{UNI} , 11.4-3 _{Delta} and 7.5-1 _{UNI}

Fronius IG Plus Grid Connected PV Inverters

The IG Plus represents years of refinement to the existing Fronius IG series with a significant number of improvements to include a lockable code compliant DC disconnect, higher efficiency, improved power harvest, easier installation, six circuit built in string combiner and programmable output voltage of 208, 240 and 277 Volts all with the same output power (applies to inverters up to 11.4kW only) and power output available to 12kW in a single inverter. Additional features include a removable power stage for easy installation and the ability to extend the standard 10-Year Premium Warranty to 15 or 20 years for a nominal investment.

Fronius IG Plus 3.0-1 UNI and 3.8-1 UNI

Fronius IG Plus 3.0-1 UNI

3000 Watt continuous AC Output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 24.8 x 9.6 inches

Weight:

Power Stack 31 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus 3.8-1 UNI

3800 Watt continuous AC output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 24.8 x 9.6 inches.

Weight:

Power Stack 31 lbs., Wiring Compartment 26 lbs.



Part Number and Product Description

Part Number	Product
4,210,101,800	Fronius IG Plus 3.0-1 _{UNI}
4,0219,0019	USA Setup IG Plus
4,210,102,800	Fronius IG Plus 3.8-1 _{UNI}
4,0219,0019	USA Setup IG Plus
41,200,126	5-Year Warranty Extension from 10 to 15 years for IG Plus models 3.0-1 _{UNI} and 3.8-1 _{UNI}
41,200,130	10-Year Warranty Extension from 10 to 20 years for IG Plus models 3.0-1 _{UNI} and 3.8-1 _{UNI}

Fronius IG Plus Grid Connected PV Inverters

Fronius IG Plus 5.0-1_{UNI}, 6.0-1_{UNI} and 7.5-1_{UNI}

Fronius IG Plus 5.0-1_{UNI}

5000 Watt continuous AC Output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 36.4 x 9.6 inches

Weight:

Power Stack 57 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus 6.0-1_{UNI}

6000 Watt continuous AC output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 36.4 x 9.6 inches

Weight:

Power Stack 57 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus 7.5-1_{UNI}

7500 Watt continuous AC output with programmable output voltage of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 36.4 x 9.6 inches

Weight:

Power Stack 57 lbs., Wiring Compartment 26 lbs.



Part Number and Product Description

Part Number	Product
4,210,103,800	Fronius IG Plus 5.0-1 _{UNI}
4,0219,0019	USA Setup IG Plus
4,210,104,800	Fronius IG Plus 6.0-1 _{UNI}
4,0219,0019	USA Setup IG Plus
4,210,105,800	Fronius IG Plus 7.5-1 _{UNI}
4,0219,0019	USA Setup IG Plus
41,200,127	5-Year Warranty Extension from 10 to 15 years for IG Plus models 5.0-1 _{UNI} , 6.0-1 _{UNI} and 7.5-1 _{UNI}
41,200,131	10-Year Warranty Extension from 10 to 20 years for IG Plus models 5.0-1 _{UNI} , 6.0-1 _{UNI} and 7.5-1 _{UNI}

Fronius IG Plus Grid Connected PV Inverters

Fronius IG Plus 10.0-1 UNI, **11.4-1** UNI, **11.4-3** Delta and **12.0-3** WYE 277

Fronius IG Plus 10.0-1 UNI

9995 Watt continuous AC output
with programmable output voltage
of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs., Wiring Compartment 26 lbs.

Fronius IG Plus 11.4-1 UNI

11400 Watt continuous AC output
with programmable output voltage
of 208, 240 and 277 Volts

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs., Wiring Compartment 26 lbs.



Fronius IG Plus 11.4-3 Delta

11400 Watt continuous AC output
with programmable output voltage
of 208 and 240 Volts with true three-phase
(i.e. one 3.8kW power stage per phase).

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs.

Wiring Compartment 26 lbs.

Fronius IG Plus 12.0-3 WYE 277

12000 Watt continuous AC output with
programmable output voltage of 277 Volts
with true three-phase (i.e. one 4kW
power stage per phase).

Dimensions:

(W x H x D) 17.1 x 48.1 x 9.6 inches

Weight:

Power Stack 82 lbs.

Wiring Compartment 26 lbs.

Part Number and Product Description

Part Number	Product
4,210,108,800	Fronius IG Plus 10.0-1 _{UNI}
4,0219,0019	USA Setup IG Plus
4,210,107,800	Fronius IG Plus 11.4-1 _{UNI}
4,0219,0019	USA Setup IG Plus
4,210,109,800	Fronius IG Plus 11.4-3 _{Delta}
4,0219,0019	USA Setup IG Plus
4,210,106,800	Fronius IG Plus 12.0-3 _{WYE 277}
44,0219,0019	USA Setup IG Plus
41,200,128	5-Year Warranty Extension from 10 to 15 years for IG Plus models 10.0-1 _{UNI} , 11.4-1 _{UNI} , 11.4-3 _{Delta} and 7.5-1 _{UNI}
41,200,132	10-Year Warranty Extension from 10 to 20 years for IG Plus models 10.0-1 _{UNI} , 11.4-1 _{UNI} , 11.4-3 _{Delta} and 7.5-1 _{UNI}

Fronius IG Grid Connected PV Inverters

Fronius IG 2000, 3000 and 2500-LV

Fronius IG 2000

2000 Watt continuous AC output
at 40°C LCD, Integrated UL 1741
Approved DC/AC Disconnects,
240 V, FCC Compliant. Comes with
Fronius 10-Year Premium Warranty.
5 and 10-Year Warranty Extensions
available for a nominal investment.

Fronius IG 3000

2700 Watt continuous AC output
at 40°C, LCD, Integrated UL 1741
Approved DC/AC Disconnects,
240 V, FCC Compliant. Comes with
Fronius 10-Year Premium Warranty.
5 and 10-Year Warranty Extensions
available for a nominal investment.

Fronius IG 2500-LV

2500 Watt continuous AC output
at 40°C, LCD, Integrated UL 1741
Approved DC/AC Disconnects,
208 Volt FCC Compliant, typically
used in commercial systems. Comes
with Fronius 10-Year Premium Warranty.
5 and 10-Year Warranty Extensions are
available for a nominal investment.



Dimensions for IG 2000, 3000 and 2500LV:

18.5 x 16.5 x 8.8 inches

Weight for IG 2000, 3000 and 2500LV:

26 lbs.

Part Number and Product Description

Part Number	Product
4,200,102,800	Fronius IG 2000
44,0240,2042	USA Setup 240V
4,200,103,800	Fronius IG3000
44,0240,2042	USA Setup 240V
4,200,110,800	Fronius IG 2500-LV
44,0240,2043	USA Setup 208V
41,200,126	5-Year Warranty Extension from 10 to 15 years for IG2000, 2500-LV, and 3000
41,200,130	10-Year Warranty Extension from 10 to 20 years for IG2000, 2500-LV, and 3000

Fronius IG Grid Connected PV Inverters

Fronius IG 4000, 5100 and 4500-LV

Fronius IG 4000

4000 Watt continuous AC output
at 40°C LCD, Integrated UL 1741
Approved DC/AC Disconnects,
240 V, FCC Compliant. Comes with
Premium 10-Year Warranty. 5 and
10-Year Warranty Extensions are
available for a nominal investment.

Fronius IG 5100

5100 Watt continuous AC output
at 40°C LCD, Integrated UL 1741
Approved DC/AC Disconnects,
240 V, FCC Compliant. Comes with
Premium 10-Year Warranty. 5 and
10-Year Warranty Extensions are
available for a nominal investment.



Fronius IG 4500-LV

4500 Watt continuous AC output
at 40°C, LCD, Integrated UL 1741
Approved DC/AC Disconnects,
208 Volt FCC Compliant, typically
used in commercial systems. 5 and
10-Year Warranty Extensions are
available for a nominal investment.

Dimensions of IG 4000, 5100 and 4500LV:

18.5 x 16.5 x 8.8 inches

Weight of IG 4000, 5100 and 4500LV:

42 lbs.

Part Number and Product Description	
Part Number	Product
4,200,104,800	Fronius IG 4000
44,0240,2042	USA Setup 240V
4,200,105,800	Fronius IG 5100
44,0240,2042	USA Setup 240V
4,200,111,800	Fronius IG 4500-LV
44,0240,2043	USA Setup 208V
41,200,127	5-Year Warranty Extension from 10 to 15 years for IG4000 / 4500-LV / 5100
41,200,131	10-Year Warranty Extension from 10 to 20 years for IG4000 / 4500-LV / 5100

Fronius CL PV Central Inverter

The Fronius CL combines high-yield power electronics with a unique, modular system design of up to 15 identical power modules in the MIX™ concept. Maximum yield and exceptional stability are the advantages of this sophisticated system. This makes the Fronius CL the optimal central inverter for PV systems of up to several hundred kilowatts. Other pluses include exact MPP tracking with the module manager and automatic transformer switching. The Fronius CL is an multi-purpose device that guarantees continual high performance.

Note: The base plate can be ordered separately and in advance enabling the installer to pour the foundation, run wiring and set the base plate prior to installing the actual inverter.

Fronius CL 33.3 and CL 36.0 PV Central Inverters

Fronius CL 33.3

33 Kilowatt continuous AC output in up to 9 identical power modules.

Dimensions:

(W x H x D with base) 43.5 x 72.1 x 28.4 inches.

Weight:

608 lbs.

Fronius CL 36.0

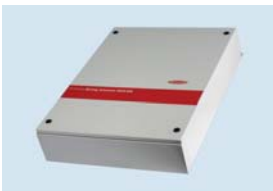
36 Kilowatt continuous AC output in up to 9 identical power modules.

Dimensions:

(W x H x D with base) 43.5 x 72.1 x 28.4 inches.

Weight:

661 lbs.



Fronius String Control 250/25

The customized solution for string monitoring. The Fronius String Control 250/25 continually compares the string currents of connected strings with each other. This enables the early detection and localization of problems in the entire system (e.g. gnawing damage to cables from small animals, module failure, etc.). This can prevent an incremental loss of earnings. Up to 25 module strings can be bundled using the Fronius String Control 250/25 and protected with a fuse.

Part Number and Product Description

Part Number	Product
Note: When ordering the Fronius CL Central PV Inverter, you must order all three part numbers per unit	
4,210,243,800	Fronius CL 33.3 Delta PV Central Inverter - New
44,0240,0006	Base Fronius CL USA - Can be ordered in advance for pre-installment
44,0210,0176	USA Setup CL 208/240 Delta
4,210,244,800	Fronius CL 36.0 WYE277 PV Central Inverter - New
44,0240,0006	Base Fronius CL USA - Can be ordered in advance for pre-installment
44,0210,0175	USA Setup WYE277
4,240,140,800	Fronius String Control 250/25US

Note: Fronius works hard to maintain stock on the CL inverters. However, to ensure on-time delivery for your installation, please allow 6 to 8 weeks lead time.

Fronius CL PV Central Inverter

Fronius CL 44.4 and CL 48.0 PV Central Inverters

Fronius CL 44.4

44 Kilowatt continuous AC output in up to 12 identical power modules.

Dimensions:

(W x H x D with base) 43.5 x 72.1 x 28.4 inches.

Weight:

608 lbs.

Fronius CL 48

48 Kilowatt continuous AC output in up to 12 identical power modules.

Dimensions:

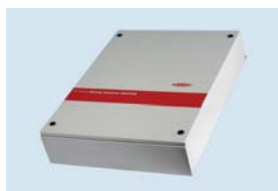
(W x H x D with base) 43.5 x 72.1 x 28.4 inches.

Weight:

721 lbs.



Note: The base plate can be ordered separately and in advance enabling the installer to pour the foundation, run wiring and set the base plate prior to installing the actual inverter.



Fronius String Control 250/25

The customized solution for string monitoring. The Fronius String Control 250/25 continually compares the string currents of connected strings with each other. This enables the early detection and localization of problems in the entire system (e.g. gnawing damage to cables from small animals, module failure, etc.). This can prevent an incremental loss of earnings. Up to 25 module strings can be bundled using the Fronius String Control 250/25 and protected with a fuse.

Part Number and Product Description

Part Number	Product
Note: When ordering the Fronius CL Central PV Inverter, you must order all three part numbers per unit	
4,210,246,800	Fronius CL 44.4 Delta PV Central Inverter - New
44,0240,0006	Base Fronius CL USA - Can be ordered in advance for pre-installment
<i>44,0210,0176</i>	<i>USA Setup CL 208/240 Delta</i>
4,210,246,800	Fronius CL 48.0 WYE277 PV Central Inverter - New
44,0240,0006	Base Fronius CL USA - Can be ordered in advance for pre-installment
<i>44,0210,0175</i>	<i>USA Setup CL WYE277</i>
4,240,140,800	Fronius String Control 250/25US

Note: Fronius works hard to maintain stock on the CL inverters. However, to ensure on-time delivery for your installation, please allow 6 to 8 weeks lead time.

Fronius CL PV Central Inverter

Fronius CL 55.5 and CL 60.0 PV Central Inverters

Fronius CL 55.5

55 Kilowatt continuous AC output in up to 15 identical power modules.

Dimensions:

(W x H x D with base) 43.5 x 72.1 x 28.4 inches.

Weight:

608 lbs.

Fronius CL 60.0

60 Kilowatt continuous AC output in up to 15 identical power modules.

Dimensions:

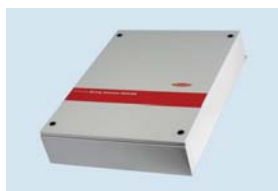
(W x H x D with base) 43.5 x 72.1 x 28.4 inches.

Weight:

783 lbs.



Note: The base plate can be ordered separately and in advance enabling the installer to pour the foundation, run wiring and set the base plate prior to installing the actual inverter.



Fronius String Control 250/25

The customized solution for string monitoring. The Fronius String Control 250/25 continually compares the string currents of connected strings with each other. This enables the early detection and localization of problems in the entire system (e.g. gnawing damage to cables from small animals, module failure, etc.). This can prevent an incremental loss of earnings. Up to 25 module strings can be bundled using the Fronius String Control 250/25 and protected with a fuse.

Part Number and Product Description

Part Number	Product
4,210,247,800	Fronius CL 55.5 Delta PV Central Inverter - New
44,0240,0006	Base Fronius CL USA - Can be ordered in advance for pre-installment
<i>44,0210,0176</i>	<i>USA Setup CL 208/240 Delta</i>
4,210,247,800	Fronius CL 60.0 WYE277 PV Central Inverter - New
44,0240,0006	Base Fronius CL USA - Can be ordered in advance for pre-installment
<i>44,0210,0175</i>	<i>USA Setup CL WYE 277</i>
4,240,140,800	Fronius String Control 250/25US

Note: Fronius works hard to maintain stock on the CL inverters. However, to ensure on-time delivery for your installation, please allow 6 to 8 weeks lead time.

Fronius DATCOM Components



Datalogger Web with WLAN

Fronius Datalogger Web, featuring an output connection to the customer's Local Area Network has been updated to offer a Wireless adapter. It functions like your own small web server that automatically converts system data into a website. The Fronius Datalogger website can be accessed by several users simultaneously via any common browser independent of the operating system both wired and wirelessly. This enables you to get real-time system information for up to 100 inverters whenever you want.



WLAN USB Stick

Connect wirelessly to the Datalogger Web with the WLAN USB Stick. Designed for indoor use, it is rated operational from 32 ° to 113 ° F (0 °C to +55 °C).



Industrial Grade WLAN USB Adapter

Connect wirelessly to the Datalogger Web with the Industrial Grade WLAN USB Adapter. Designed for outdoor use, it is rated operational from -4 ° to 158 ° F (-20 °C to +70 °C).

Part Number and Product Description

Part Number	Product
4,240,123	Datalogger Web with WLAN - New <i>(Supports up to 100 Fronius IG Solar Inverters,</i>
41,0018,0070	WLAN USB Stick (indoor use)
41,0018,0071	Industrial Grade WLAN USB Adapter (outdoor use)

DATCOM Components continued on the next page

Fronius DATCOM Components



COM Card, Retrofit

The COM Card is the inverter's voice in the DATCOM system and works with all Fronius inverters (IG, IG Plus, or CL). It also supplies power to other DATCOM components. DATCOM System requires one COM Card per Fronius inverter and one Datalogger per DATCOM System.



Datalogger *pro* Box

Data monitoring component that provides data storage and PC Interface. Works in tandem with COM Cards within DATCOM System to provide real-time archived data and enable use of PC based monitoring and free web-hosted data access. **Supports up to 100 Fronius Inverters per Datalogger Box.**



Datalogger *pro* Card - RS232

Same as the Datalogger pro box but the card is installed in the plug & play section of the inverter. Must be located within USB cable distance of the computer. **Supports up to 100 Fronius Inverters per Datalogger Box.**



Datalogger *easy* Box

Data monitoring component that provides data storage and PC Interface. Works in tandem with COM Cards within DATCOM System to provide real-time and archived data and enable use of PC based monitoring and free web-hosted data access.



Datalogger *easy* Card

Same as the Datalogger easy box but the card is installed in the plug & play section of the inverter. Must be located within USB cable distance of the computer. **Supports one Fronius Inverter.**



Datalogger Interface Box

The Datalogger Interface box combines all the benefits of the Datalogger Pro and the full Interface box. Thus reducing the cost and increasing the simplicity of the installation.

Part Number and Product Description

Part Number	Product
4,240,001,Z	COM Card, Retrofit
4,240,102	Datalogger <i>pro</i> Box (<i>Supports up to 100 Fronius Inverters,</i>
4,240,002,Z	Datalogger <i>pro</i> Card - RS 232 (<i>Supports up to 100 Fronius Inverters</i>)
4,240,103	Datalogger <i>easy</i> Box (<i>Supports one Fronius Inverter,</i>
4,240,003,Z	Datalogger <i>easy</i> Card (<i>Supports one Fronius Inverter,</i>
4,240,105	Datalogger Interface Box

Fronius Sensor Components



Sensor Box

A sensor box or card is required if sensors are used. Module arrays with multiple pitches or orientations may require multiple sensor boxes/cards. Six sensor input channels for use with DATCOM System.

- 2 each temperature channels (PT 1000)
- 1 each irradiance channel (Voltage input 0-1V)
- 2 each digital inputs
- 1 each standard 20 ma current interface



Sensor Card

Sensor card functions the same as a Sensor Box; however, it is located inside the inverter in the plug & play section. Sensor interface with six sensor input channels for use within DATCOM System.

- 2 each temperature channels (PT 1000)
- 1 each irradiance channel (Voltage input 0-1V)
- 2 each digital inputs
- 1 each standard 20 ma current interface



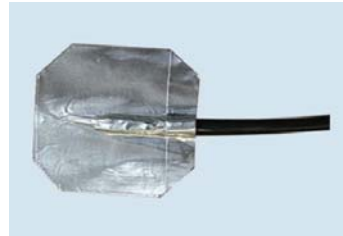
Sensor, Ambient Temperature

- Sensor Box/Card compatible
- Type PT 1000



Sensor, Irradiance compatible

- 0 - 100mv Output



Sensor, Module Temperature compatible

- Type PT 1000



Sensor, Wind Speed compatible

- Digital Output

Part Number and Product Description

Part Number	Product
4,240,104	Sensor Box
4,240,004,Z	Sensor Card
43,0001,1188	Sensor, Ambient Temperature
43,0001,1189	Sensor, Irradiance
43,0001,1190	Sensor, Module Temperature
42,0411,0027	Sensor, Wind Speed

Fronius Auxilliary Components



Fronius Personal Display

Wireless display for use with up to 15 Fronius IG or IG Plus Inverters for home or office. Range is approximately 150 ft indoors, 450 ft outdoors (reports of over 750 feet). FCC Class 15 Part B compliant. Requires one Wireless Card per Fronius Inverter. The Personal Display operates independent of or in tandem with the DATCOM data communication system. The display comes complete with rechargeable batteries and charger.

NOTE: Only for use with FRONIUS IG or IG Plus inverters shipped from Fronius after 1 December 2005. Call Fronius with your inverter's serial number if you are uncertain about compatibility.



Wireless Card*

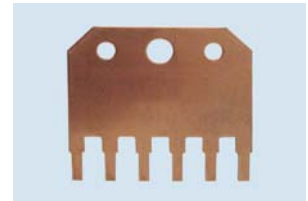
Wireless card for use in a Fronius IG or IG Plus inverter with the Fronius Personal Display. One Wireless Card required per inverter in a system. This card only communicates with the Fronius Personal Display.

*Does not operate at 277 Vac



Service Toolkit

This handy toolkit includes all the necessary spare parts to ensure that you never have to return to a jobsite because you are missing a simple replacement part. The kit includes the following: RS-232 null cable, two rechargeable Fronius Personal Display batteries, Inverter and Datcom Manuals, Fronius Penlight, DATCOM Power Supply, Torx driver, KLKD - GFDI fuse, spare inverter screws, CAT5 termination plug, button fuse, light tube for display, Fronius Logo, Fault Code definitions and a set of three inverter decals.



Fronius Buss Bar for IG Plus*

This device is used to accommodate large DC conductors when rooftop combiners are used on PV arrays with the larger IG Plus inverters.

* Two Buss Bars are required per inverter. When ordering, order in multiples of two.

Part Number and Product Description

Part Number	Product
4,240,108	Fronius Personal Display
4,240,008,Z	Wireless Card
41,800,GQSPK	Service Toolkit
43,0201,2923	Fronius Buss Bar for IG Plus (order in multiples of two)
43,0004,1692	9 Pole, 6.5 ft. Null Modem Interface Cable, RS232
43,0004,2435	Cable, Interface, 26 AWG, 3.3 ft., CAT5
43,0001,1211	DATCOM Power Supply
43,0003,0812	RJ45 Termination Plug

Fronius Interface Components



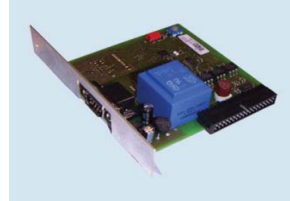
Interface Box

The Interface Box enables a user to output data into an open protocol for a system of one to 100 Fronius Inverters. These data can then be used with the free software program Fronius IG I Interface or by third-party sources for different monitoring options (e.g. Fat Spaniel). The interface Box/Card does not replace the need for a Datalogger Box or Card. This interface offers real-time open protocol data without data storage for up to 100 inverters and 10 sensor boxes.



Interface Card

Same as the Interface Box, except this unit plugs in directly to the inverter.



Interface Card Easy*

The Fronius Interface Card Easy provides an open protocol for use with the free software program Fronius Interface or by third-party communication systems and does not require a Datalogger or ComCard to function. The Interface Card easy is able to provide data for one Fronius inverter without storage.

* Does not operate at 277 Vac



Smart Converter RS232 Box/Card

The Fronius Smart Converter RS232 makes it easy to use thirdparty components (e.g., dataloggers) for professional system monitoring. The Fronius Converter converts the Fronius DATCOM system RS485 data connection into an RS232 data connection. There is no conversion of the software protocol (Fronius Solar Net and/or Interface protocol). This can be selected directly via the inverter display. This device is compatible with the IG Plus and CL inverters but not the IG series. The Fronius Smart Converter RS232 is available as a box or card



Fronius Converter USB

The Fronius Converter USB makes it easy to use third-party components (e.g., dataloggers) for professional system monitoring. The Fronius Converter converts the Fronius DATCOM system RS485 interface into a USB hardware interface. There is no conversion of the software protocol (Fronius Solar Net and/or Interface protocol). This can be selected directly via the inverter display. This device is compatible with the IG Plus and CL inverters but not the IG series

Part Number and Product Description

Part Number	Product
4,240,109	Interface Box <i>(data storage for up to 100 inverters and 10 sensor boxes)</i>
4,240,009,Z	Interface Card <i>(data storage for up to 100 inverters and 10 sensor boxes)</i>
4,240,013,Z	Interface Card easy <i>(data for one Fronius Inverter)</i>
4,240,018, Z	Fronius Converter RS232 Card retrofit
4,240,118	Fronius Converter RS232 Box
4,240,119	Fronius Converter USB

Fronius Display Only Inverters and Accessories

Display Only Inverters

All display only inverters have a functional display operating on a program that is designed to emulate the normal operation of an inverter and enable the user to search the various menus in the inverter similar to a fully operational inverter.



**Fronius IG Plus 3.8-1
Display Only PV Inverter**
This is a display version of the Fronius IG Plus V 3.0/3.8 inverter.



**Fronius IG Plus 7.5-1
Display Only PV Inverter**
This is a display version of the Fronius IG Plus V 5.0 to 7.5 inverter.



**Fronius IG Plus 12.0-3
Display Only PV Inverter**
This is a display version of the Fronius IG Plus V 10.0 to 12.0 inverter.



**Fronius IG 3000
Display Only PV Inverter**
This is a display version of the Fronius IG 3000 inverter.



**Fronius IG 5100
Display Only PV Inverter**
This is a display version of the Fronius IG 5100 inverter.



**Fronius IG Demo
Personal Display**

The DEMO Personal Display emulates a three inverter installation for demonstration purposes and functions similarly to the standard Fronius Personal Display without the need to have an inverter and PV array present to produce data. The display comes complete with rechargeable batteries and charger.

Part Number and Product Description

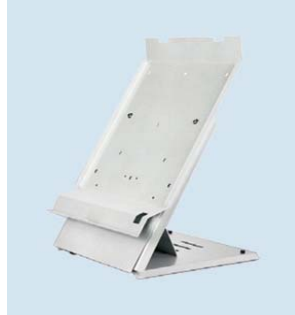
Part Number	Product
4,210,987	Fronius IG Plus V 3.0-1 Display Only PV Inverter
4,210,985	Fronius IG Plus V 7.5-1 Display Only PV Inverter
4,210,986	Fronius IG Plus V 12.0-3 Display Only PV Inverter
4,240,993	Fronius IG 3000 Display Only PV Inverter
4,240,995	Fronius IG 5100 Display Only PV Inverter
4,240,908	Fronius Demo Personal Display

Fronius Display Only Inverters and Accessories



Fronius Inverter Display Stand - IG Series Only

This stand is designed to provide an easy and convenient way to display a Fronius IG Series Inverter. Not compatible with IG Plus Series Inverters.



Fronius IG 3000 Inverter Tabletop Stand

This stand is designed to provide an easy and convenient way to display a Fronius IG 3000 Inverter on a tabletop. Not compatible with IG Plus Series Inverters.



Fronius Inverter Display Stand - IG Plus Series Only

This stand is designed to provide an easy and convenient way to display a Fronius Inverter. Can be used with Fronius IG Plus Series Inverters.

Part Number and Product Description

Part Number	Product
4,045,894	Fronius Inverter Display Stand - IG Series Only
4,045,986	Fronius IG 3000 Inverter Tabletop Stand
42,0411,0047	Fronius Inverter Display Stand - IG and IG Plus
42,0411,0048	Bag for Fronius Inverter Display Stand - IG Plus