

Specifications:

Model	Soleil 2000-120	Soleil 2000-240	Soleil 4000-240	Soleil 6000-240
Input				
Nominal DC Voltage	240Vdc	380Vdc	380Vdc	380Vdc
Maximum PV Open Voltage	450Vdc	600Vdc	600Vdc	600Vdc
MPPT Range	200 to 360Vdc	160 to 550Vdc	160 to 550Vdc	160 to 550Vdc
DC Working Range	150 ~ 450Vdc	150 ~ 600Vdc	150 ~ 600Vdc	150 ~ 600Vdc
System Start-up Voltage	200Vdc	200Vdc	200Vdc	200Vdc
Maximum Input Current	15A	15A	30A	45A
Output				
Rated Power	2000W	2000W	4000W	6000W
Maximum Power	2100W	2100W	4200W	6300W
Operational Voltage	106 ~ 132Vac	211 ~ 264Vac	211 ~ 264Vac	211 ~ 264Vac
Operational Frequency	59.3-60.5Hz			
Power Factor	> 0.99 @ 100%load			
Current Distortion	< 4%			
Maximum Efficiency	> 94% *	> 94%	> 94%	> 95%
Anti-Islanding	Yes			
Environment				
Protection Degree	NEMA 3R	NEMA 4X	NEMA 4X	NEMA 4X
Safety	UL 1741 ∙ IEEE 1547 ∙ IEEE 1547.1			
EMI	FCC Part15 Class B			
Operation Temperature	-20 to 50°C			
Humidity	0 - 95% RH			
Heat Dissipation	Convection Without Fan			
Acoustic Noise Level	< 45dB @ 1M			
Communication	RS-232 /RS-485 , SNMP optional			
Mechanical				
WxDxH (mm)	382 x 175 x 398	470 x 225 x 350	470 x 225 x 490	470 x 225 x 490
Weight (kg)	15	18	28	32
Gross Weight (kg)	17	20	31	35

* Without Isolation Transformer

** The specifications are subject to change without notice.



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Soleil *New*

2000/4000

Grid-tied PV inverter



Soleil

2000/4000

Grid-tied PV inverter

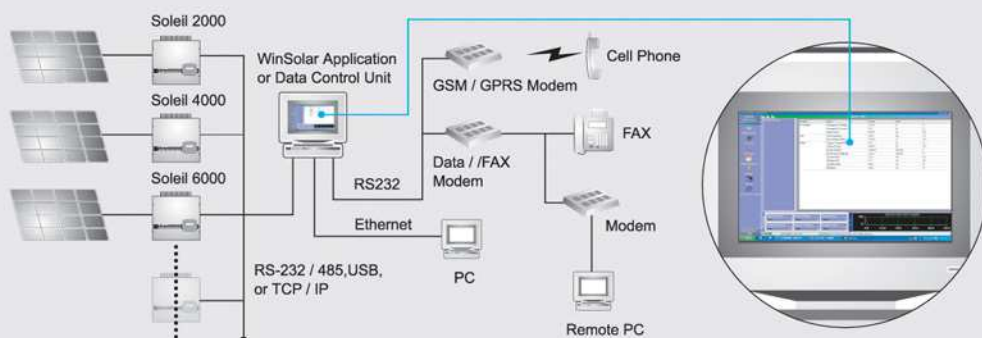
*The best performance and price ratio
PV Inverters on the market*



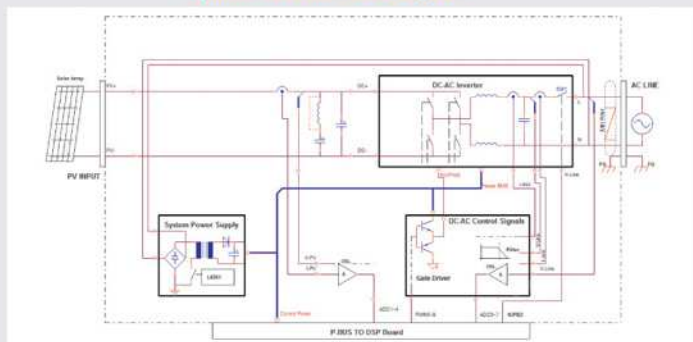
Features:

- Quiet, efficient operation, utilizing high frequency solid-state design
- Standard Grid-Connected PV Inverter
- DSP-controlled for smart MPPT operation
- Front panel LCD display shows system status and power production information
- Boost Converter for Wide DC Voltage
- RS-232 interface for remote power monitoring

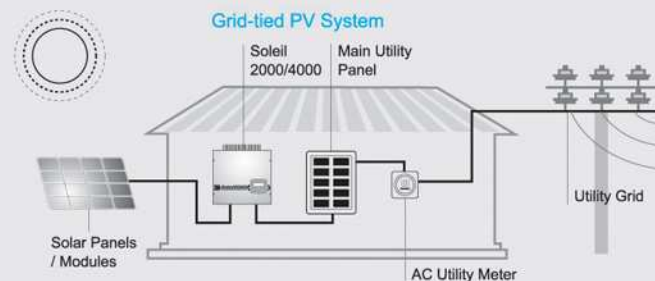
Soleil WinSolar Monitoring System



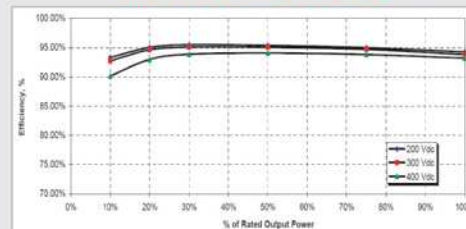
System Structure Block Diagram



Grid-tied PV System



Soleil 2000 Conversion Efficiency



Why Choose Soleil series:

- Sysgration's 30 year manufacturing experiences in electronic products, 12 year extensive design and manufacturing experiences in power solutions (factories in both Taiwan and China)
- Latest DSP power conversion technology with high power factor, low distortion, and high efficiency
- Plug & Play operation with 2-line LCD display and remote PC monitoring software
- Small, light weighted, compact design
- Standard 5 year warranty with local customer support
- UL 1741 certified and CEC approved