



SAMLEX POWER PRODUCTS

Soleil Series Grid Tie Inverters

FEATURES

- Quiet, efficient operation,*
- utilizing high frequency solid-state design*
- Standard Grid-Connected PV Inverter*
- Anti-Islanding protection*
- DSP-controlled for smart MPPT operation*
- 2 Line Front panel LCD display shows system status and power production information*
- RS-232 interface for remote power monitoring*
- Boost converter for wide DC voltage*
- Small light weight compact design*
- 240 Volt AC output with external 1:2 Transformer (included)*

APPLICATIONS

Grid-connected Photovoltaic Systems



2000 Watts

TECHNICAL SPECIFICATIONS

Model	Soleil 2000-120
Input	
Nominal DC Voltage	240 VDC
Maximum PV Open Voltage	450 VDC
MPPT Range	200 ~ 360 VDC
DC Working Range	150 ~ 450 VDC
System Start-up Voltage	200 VDC
Maximum Input Current	15 A
Output	
Rated Power	2000 W
Maximum Power	2100 W
Operational Voltage	106 ~ 132 VAC
	212 ~ 264 VAC with External 1:2 Transformer (included)
Operational Frequency	59.3 - 60.5 Hz
Power Factor	> 0.99 @ 100% load
Current Distortion	< 4%
Maximum Efficiency	> 94%
Anti-Islanding	Yes
Environment	
Protection Degree	NEMA 3R
Safety	UL 1741, IEEE 1547, IEEE 1547.1
EMI	FCC Part 15 Class B
Operation Temperature	-20 °C to 50 °C
Humidity	0 - 95%
Heat Dissipation	Convection without fan
Acoustic Noise Level	< 45 dB @ 1M
Communication	RS-232 / RS-485, SNMP optional
Mechanical	
Dimensions (L x W x H)	382 x 175 x 398
Weight	15 kg
Gross Weight	17 kg

Technical Specifications subject to change without notification.

<http://www.wholesalesolar.com/inverters.html>

To view a full selection of Samlex products visit our website at www.samlexamerica.com
or contact us: 1 (800) 561-5885 or (604) 525-3836