



# SOLAR INVERTER

PV-4000

## SL-PREMIUM 3KW

- Pure sine wave solar inverter
- Reserved communication port for BMS
- Wide PV input range, starts from 30VDC (30VDC~400VDC)
- Built-in WiFi for mobile monitoring (App is available)
- Battery independent design
- Maximum charging current 100A
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit



MODEL		SL-PREMIUM 3KW
RATED POWER		3000VA / 3000W
INPUT		
Voltage		230 VAC
Selectable Voltage Range		170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range		50 Hz/60 Hz (Auto sensing)
OUTPUT		
AC Voltage Regulation (Batt. Mode)		230VAC ± 5%
Surge Power		6000VA
Efficiency (Peak)		93%
Transfer Time		10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform		Pure sine wave
BATTERY		
Battery Voltage		24 VDC
Floating Charge Voltage		27 VDC
Overcharge Protection		32 VDC
SOLAR CHARGER & AC CHARGER		
Maximum PV Array Open Circuit Voltage		450 VDC
Maximum PV Array Power		4000 W*
MPP Range @ Operating Voltage		30~400 VDC (30~60VDC with battery)
Maximum Solar Charge Current		100 A
Maximum AC Charge Current		80 A
Maximum Charge Current		100 A
PHYSICAL		
Dimension, D x W x H (mm)		110 x 288 x 390
Net Weight (kgs)		7.2
Communication Interface		RS232/BMS/WiFi
ENVIRONMENT		
Humidity		5% to 95% Relative Humidity (Non-condensing)
Operating Temperature		-10°C to 50°C
Storage Temperature		-15°C to 60°C