

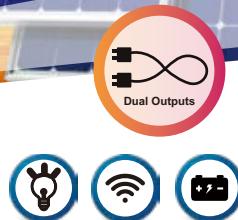


SOLAR INVERTER

PV-5000

SL-ROYAL 4KW

- Dual output for smart load management
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC~450VDC
- Built-in WiFi for mobile monitoring (App is available)
- Customizable status LED ring with RGB lights
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Touchable button with large 4.3" colored LCD
- Supports USB On-the-Go function
- Data log event stored in the inverter
- Battery independent design



| MODEL | SL-ROYAL 4KW |
|---|--|
| RATED POWER | 4000VA/4000W |
| 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 ± 10% |
| Surge Power | 8000VA |
| 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 | 33 VDC |
| SOLAR CHARGER & AC CHARGER | |
| Solar Charger type | MPPT |
| Maximum PV Array Power | 5000W |
| MPP Range @ Operating Voltage | 60 ~ 450 VDC |
| Maximum PV Array Open Circuit Voltage | 500 VDC |
| Maximum PV Input Current | 27A |
| Maximum Solar Charge Current | 120A |
| Maximum AC Charge Current | 100A |
| Maximum Charge Current | 120A |
| PHYSICAL | |
| Dimension, D x W x H (mm) | 119 x 313.6 x 457.5 |
| Net Weight (kgs) | 10 |
| Communication Interface | USB/RS232/RS485/WiFi/Dry-contact |
| OPERATING ENVIRONMENT | |
| Humidity | 5% to 95% Relative Humidity (Non-condensing) |
| Operating Temperature | -10°C to 50°C |
| Storage Temperature | -15°C to 60°C |