

SOLAR CAPACITY **5500W**



# GALAXY DUAL PV5500+ PRO

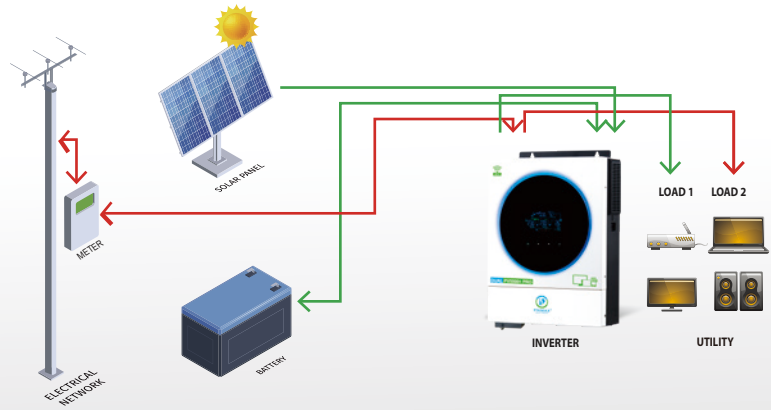
*Hybrid Solar Inverter – Smart Power Source*

## FEATURES :

- Dual output for smart load management
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC~450VDC
- Touchable button with large 4.3" colored LCD
- Customizable status LED ring with RGB lights
- Built-in Wifi for mobile monitoring (Android/iOS App available)
- Supports USB On-the-Go function
- Reserved communication port (RS485, CAN-BUS or RS232) for BMS
- Maximum charging current 120A
- Battery independent design
- Feed-in to the grid with storage backup
- Battery equalization extends lifecycle
- Built-in anti-dust kit
- Data log event stored in the inverter



# Hybrid Solar Inverter | 4000 Watt



**MODEL** GALAXY DUAL PV5500+ PRO

**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) 90% ~ 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 55000W  
 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

Product specifications are subject to change without further notice.



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