



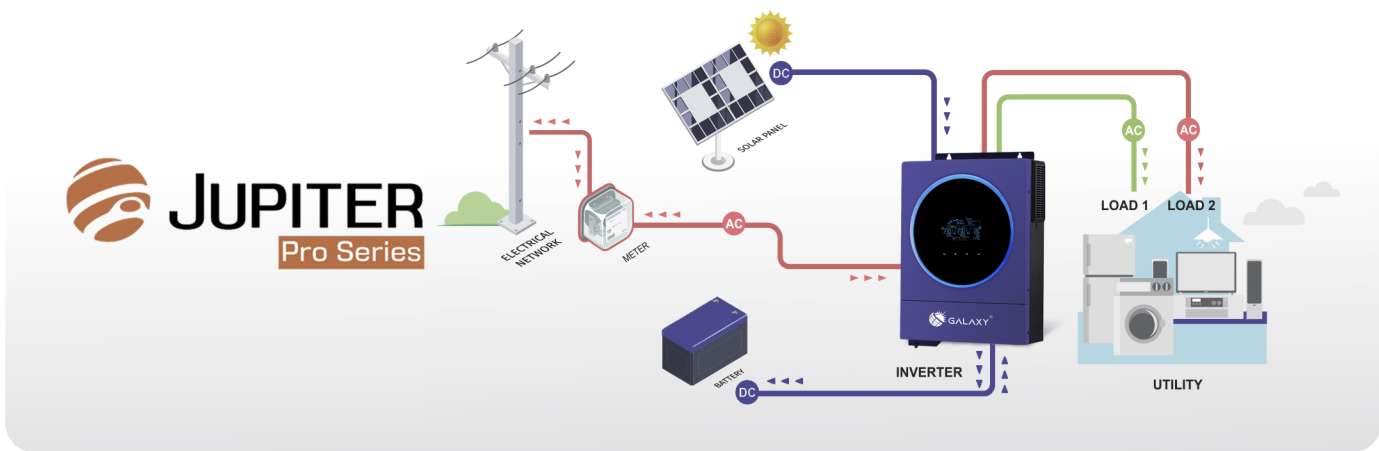
JUPITER PRO PV 5000 - 4KW

MPPT Solar Inverter

FEATURES :

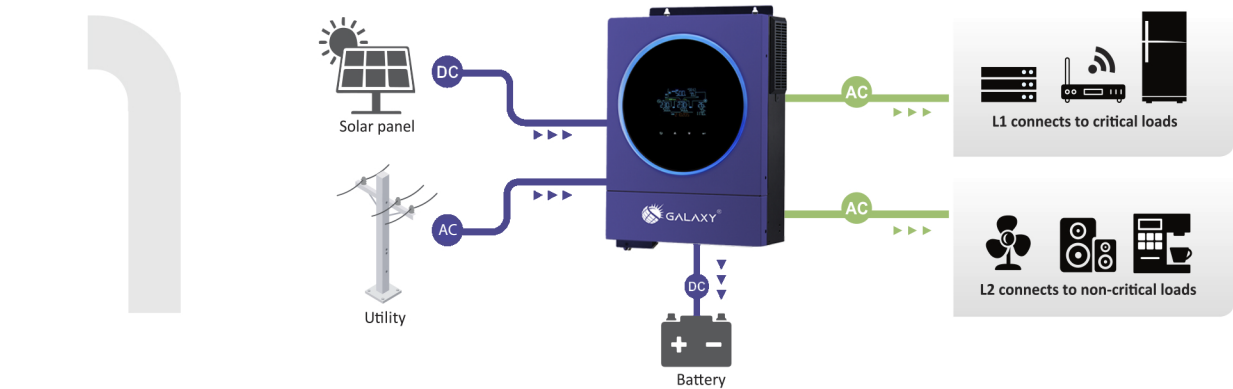
- Dual output for smart load management
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC~450VDC
- Touchable button with large 4.3" colored LCD
- Customizable status LED ring with RGB lights
- Built-in Wifi for mobile monitoring (Android/iOS App available)
- Supports USB On-the-Go function
- 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





Dual Output Operation

When PV energy and Utility are available and sufficient



No PV energy is available.



Only battery energy provides power to the loads.





MODEL JUPITER PRO PV 5000

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 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

Product specifications are subject to change without further notice.