



# JUPITER PRO PV 7000 - 6KW

## 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





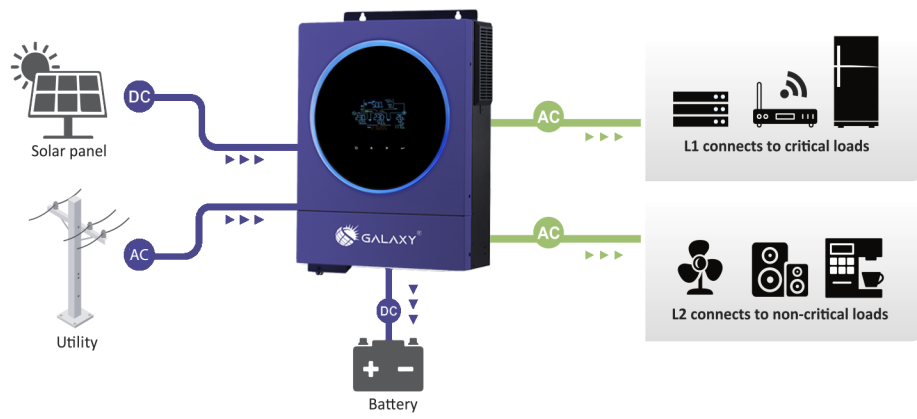
# JUPITER Pro Series



## Dual Output Operation

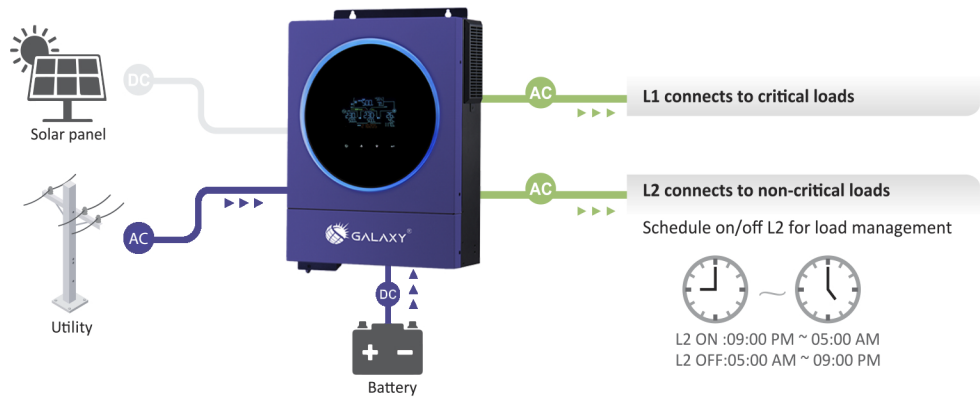
When PV energy and Utility are available and sufficient

1



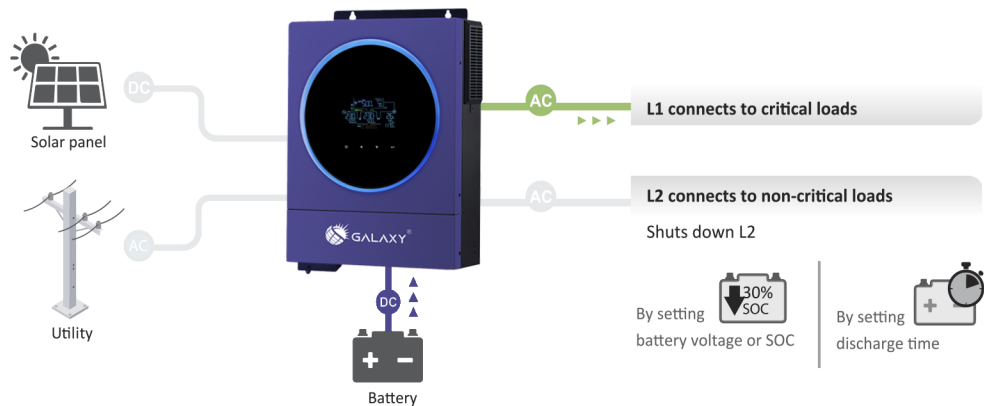
No PV energy is available.

2



Only battery energy provides power to the loads.

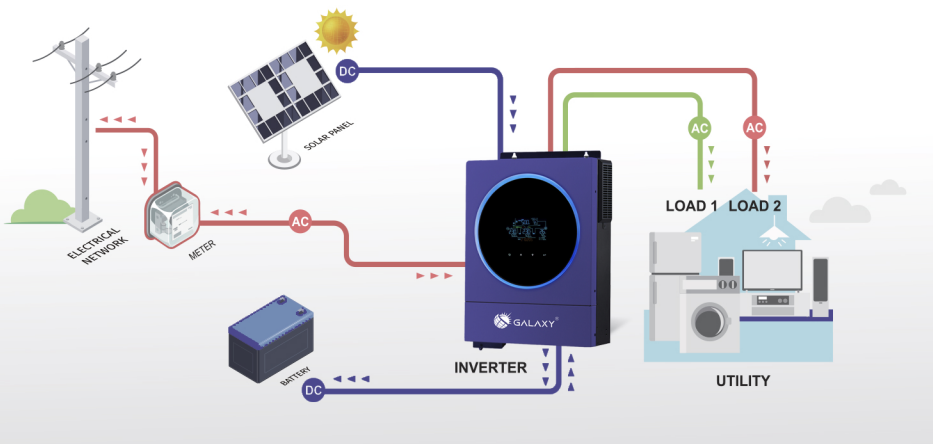
3





# JUPITER

Pro Series



**MODEL** **JUPITER PRO PV 7000**

**RATED POWER** 6000VA/6000W

**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 12000VA  
 Efficiency (Peak) 90% ~ 93%  
 Transfer Time 15 ms (For Personal Computers)  
20 ms (For Home Appliances)  
 Waveform Pure sine wave

**BATTERY**

Battery Voltage 48 VDC  
 Floating Charge Voltage 54 VDC  
 Overcharge Protection 63 VDC

**SOLAR CHARGER & AC CHARGER**

Solar Charger type MPPT  
 Maximum PV Array Power 7000W  
 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) 12  
 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.

