



SOLAR CAPACITY **5000W**



GALAXY DUAL PV5000+

OFF-GRID SOLAR INVERTER - SMART POWER SOURCE

FEATURES :

- Dual output for smart load management
- Maximum PV input current 27A
- Wide PV input voltage range 60VDC~450VDC
- Built-in Wifi for mobile monitoring (Android/iOS App available)
- 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 function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit
- Maximum AC Output 4000W

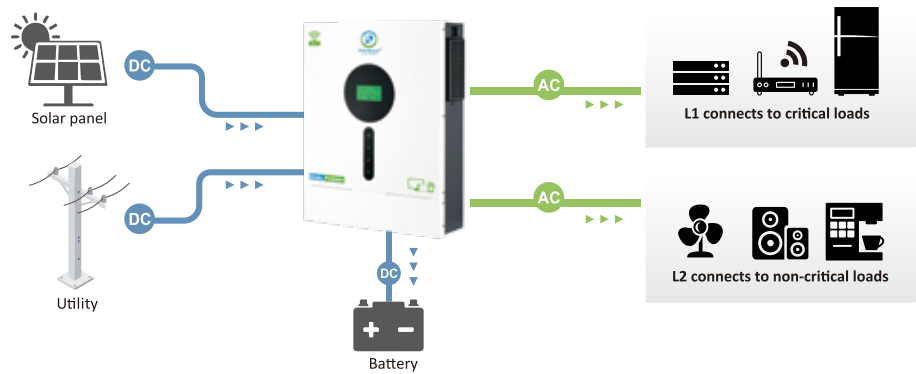




Dual Output Operation

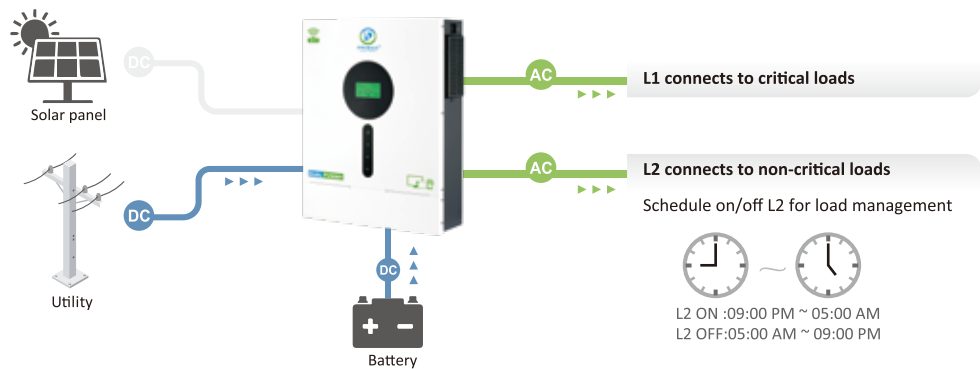
When PV energy and Utility are available and sufficient

1



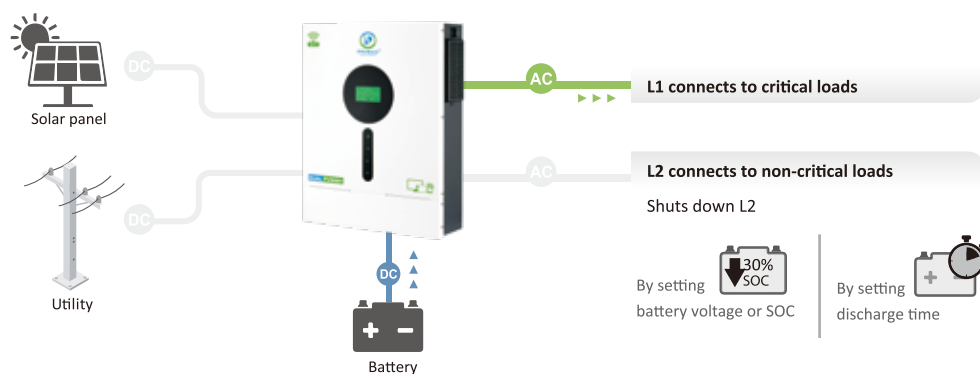
No PV energy is available.

2

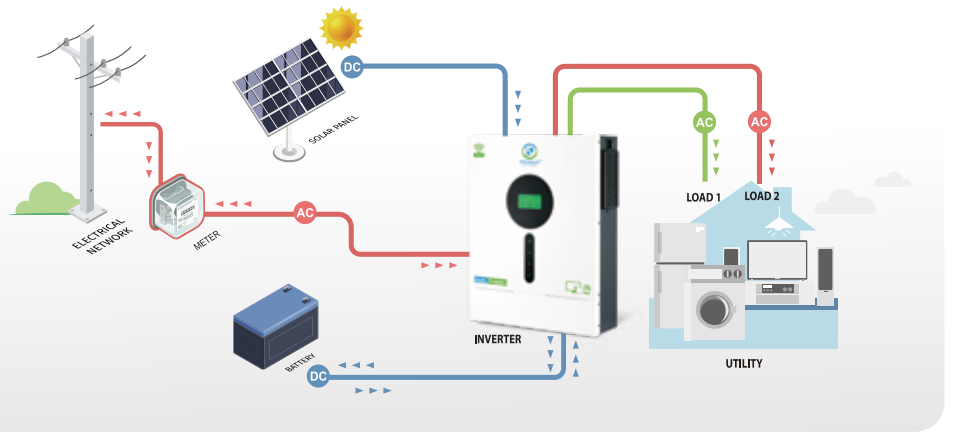


Only battery energy provides power to the loads.

3



OFF-GRID SOLAR INVERTER | 4000 WATT



MODEL		GALAXY DUAL PV5000+
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 \pm 10%
Surge Power		7200VA
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)		107 x 322.6 x 420.3
Net Weight (kgs)		9.5
Communication Interface		USB/RS232
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.



info@primaxsolarenergy.com



www.primaxsolarenergy.com