

SOLAR CAPACITY **12000W**



PRIMAX[®]
SOLAR ENERGY



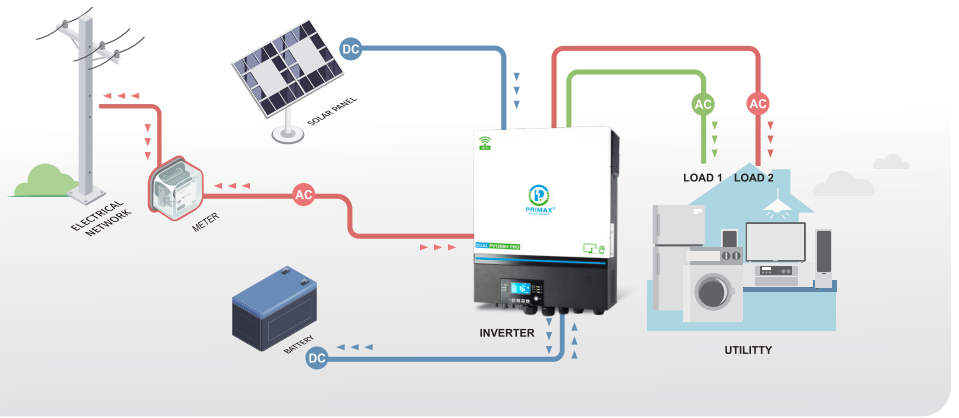
GALAXY DUAL PV12000+ PRO

MPPT Solar Inverter

FEATURES :

- Dual outputs, for smart load management
- Maximum PV input current 27A x 2 (Max 40A)
- Wide PV input voltage range 90VDC ~ 450VDC
- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS (RS485, CAN-BUS or RS232)
- Maximum charging current 150A
- Battery independent design
- Feed-in to the grid with storage backup
- Compatible to Utility Mains or generator input
- Built-in anti-dust kit
- Parallel operation with 6 units
- Maximum AC Output 11000W





Dual Output Operation

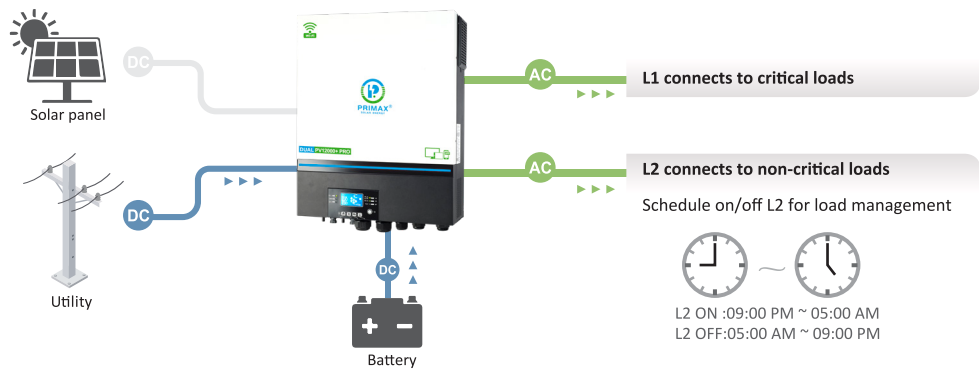
When PV energy and Utility are available and sufficient

1



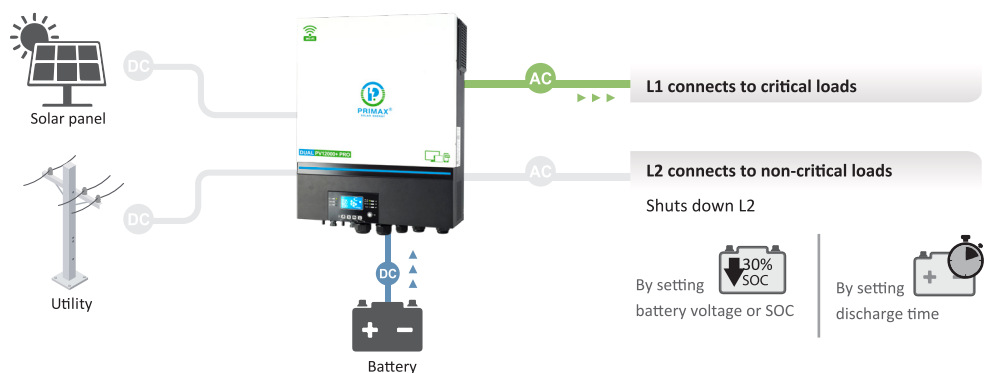
No PV energy is available.

2

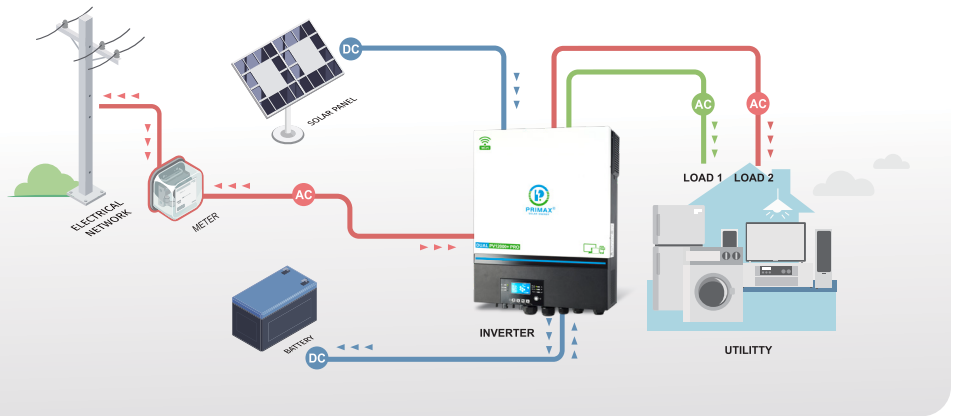


Only battery energy provides power to the loads.

3



MPPT Solar Inverter | 11000 Watt



MODEL	GALAXY DUAL PV12000+ PRO
RATED POWER	11000VA/11000W
PHASE	1-phase in / 1- phase out
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 5%
Surge Power	22000VA
Efficiency (Peak)	93%
Transfer Time	10 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	12000W (6000W x 2)
MPP Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum PV Input Current	27A x 2 (MAX 40A)
Maximum Solar Charge Current	150A
Maximum AC Charge Current	150A
Maximum Charge Current	150A
PHYSICAL	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
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
STANDARD	
Compliance Safety	CE

Product specifications are subject to change without further notice.



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