

SOLAR CAPACITY **4000W**



PRIMAX[®]
SOLAR ENERGY



GALAXY PV4000+

MPPT Solar Inverter

FEATURES :

- Pure sine wave solar inverter
- Wide PV input voltage range 30VDC ~ 60VDC with battery
- Reserved communication port for BMS
- Maximum charging current 100A
- WiFi module for mobile monitoring (Android/iOS App available)
- Battery independent design
- Battery equalization function to optimize battery performance and extend lifecycle
- Built-in anti-dust kit
- Maximum AC Output 3000W





MODEL	GALAXY PV4000+
RATED POWER	3000VA/3000W
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 ± 5%
Surge Power	6000VA
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	32 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger type	MPPT
Maximum PV Array Power	4000W
MPP Range @ Operating Voltage	60 ~ 400 VDC
Maximum PV Array Open Circuit Voltage	450 VDC
Maximum Solar Charge Current	100A
Maximum AC Charge Current	80A
Maximum Charge Current	100A
PHYSICAL	
Dimension, D x W x H (mm)	110 x 288 x 390
Net Weight (kgs)	7.2
Communication Interface	RS232/RS485
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.