# Hybrid Inverter & Charger

**VMA POWER**

## POWERSUN Series

## Rated Power 500-6000W

Flexible Configuration
Voltage and frequency options:
220V/110V AC 50/60Hz is optional
Pure sine wave
LCD display /Digitized Display optional

**High Efficiency Energy Saving**

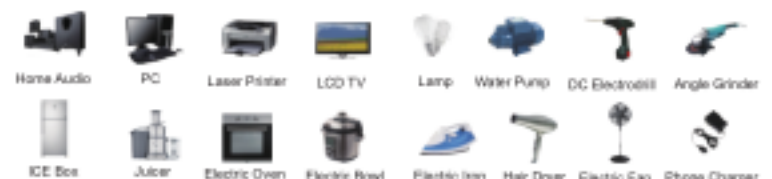**High Reliability Multiple protection**

**Leading energy saving technology**

## Product Introduction

- CPU Technology control. Big Charging current. up to 70Amp.
- Low voltage.Charging.
- Transfer time is below 4 ms if the grid power are cut off
- Low self-Consumption below 1.2A. It can reach zero at energy saving mode.
- Extreme overload capacity and super load capacity .
- Durable. LF transformer technology design. It is suitable for the poor working conditions or where the grid power is not stable.
- DC reverse polarity protection.
- Big Charging current. up to 70Amp.
- Intelligent battery management for maximum battery life.
- Automatically switch between the grid and inverter mode.
- It can work with the generator.

**Hybrid Inverter & charger[ The wall mounted ]**

Home Audio  PC  Laser Printer  LCD TV  Lamp  Water Pump  DC Electrodrill  Angle Grinder

ICE Box  Juicer  Electric Oven  Electric Bowl  Electric Iron  Hair Dryer  Electric Fan  Phone Charger

*Superstrong band load*

## MULTIFIT
*Sunshine for you Multifit to all*

## Technical Data [ POWERSUN Series ]

| Model | | 500W | 1000W | 1500W | 2000W | 3000W | 4000W | 5000W | 6000W |
|---|---|---|---|---|---|---|---|---|---|
| Rated Power | | 500W | 1000W | 1500W | 2000W | 3000W | 4000W | 5000W | 6000W |
| Input | Voltage | AC165-275V / 85-135V | | | | | | | |
| | Frequency | 40-65HZ | | | | | | | |
| Output | Voltage | 220/230/240V（110/115/120V）Adjustable | | | | | | | |
| | Frequency | 50HZ-60HZ Adjustable | | | | | | | |
| | Waveform | Pure Sine Wave | | | | | | | |
| | THD | ≤3% | | | | | | | |
| | Efficiency | ≥80% | | | | | | | |
| Battery | Type | Optional | | | | | | | |
| | Rated Voltage | DC12V | | DC24V | | | DC48V | | |
| | Charging Current | 0-30A Optional | | | | | | | |
| Protection | | Over Temperature/Over Load/ Battery Discharge Voltage/ Battery Over Voltage/AC Input High Voltage /Low Voltage Protection | | | | | | | |
| Operating Mode | | Normal, Energy Saving | | | | | | | |
| Transfer Time | | ≤10ms | | | | | | | |
| On Load Capacity | | 100%-120% 30s Protection, 125%-140% 15s Protection, ≥150% 5s Protection | | | | | | | |
| Operating Range | Temp. | 0℃-50℃ | | | | | | | |
| | Humidity | 10%-90% (No Condensing) | | | | | | | |

Remarks：
Due to continuous innovation. research and product improvement. the specifications in this product information sheet are subject to change without prior notice. the specifications may deviate slightly and are not guaranteed.The data do not refer to single module of contract and they are not part of the offer. they only serve for comparison to different module types.