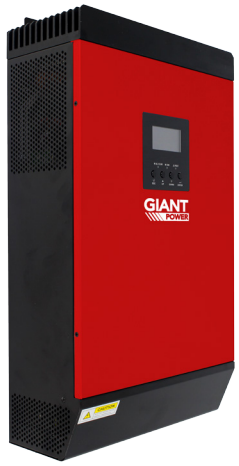
Giant Power 48V 4000W Integrated Power System (MPPT)



Specifications	Giant Power 48V 4000W IPS
General Electrical	
Nominal DC Voltage	48V
Peak Efficiency	93%
Inverter	
Continuous Output	4KW
Surge Rating	8KW (5 seconds max)
Output Waveform	Pure Sine Wave
Output Voltage	230VAC + / - 5%
Output Regulation	< 3% RMS for battery voltage range
Output Short Circuit	Circuit Breaker
AC Battery Charger	
Charging Mode	3-stage
Boost Voltage	58.4V (Flooded) 56.4V (MF)
Float Voltage	54.0V (Flooded) 54.0V (MF)
AC Recharging Current	60 Amp (adjustable)
AC Input (Mains/Generator)	
Input Voltage Range	90~280VAC (Appliance mode) 170~280VAC (UPS mode)
Solar Charge Controller	
Type	Maximum Power Point Tracking (MPPT)
Max Charging Current	60 Amp
Max PV Input/Output	3000W
Max PV Input Voc	145V
MPPT Range	60-115V
Environmental / Mechanical	
Temperature Range	Operating: 0ºC ~ 55ºC Storage: -15ºC ~ 60ºC
Dimension	468mm x 295mm x 120mm
Net Weight	14kg

Giant Power Integrated Power Systems (IPS) are the ultimate all-in-one unit for managing solar and battery systems. Each IPS combines the functionality of a solar charge controller, pure sine wave inverter, and multi-stage AC battery charger into one central unit, eliminating the need for numerous devices and excess cabling. Ideal for portable power setups such as caravans or motorhomes, and offgrid power setups in remote locations.

Key Features

- 60A MPPT Solar Charge Controller
- 4000W Pure Sine Wave Inverter
- 60A Multi-Stage Battery Charger
- Integrate with Mains Power
- LCD Control Panel
- Auto-Start Generator Functionality
- Monitoring & Data Recording Software
- Stackable Units for Additional Power

** Software Compatible with Windows & Linux*

Other Features

- Compatible with AGM, Gel and SLA Batteries
- Adjustable charge voltage and current
- 2x inverter surge capacity (5s)
- Overload, temperature and short circuit protection
- Light weight high frequency transformer
- Low standby current

Australian Support, Warranty & Repairs
2 YEAR WARRANTY - REPAIR OR REPLACEMENT

Clean Energy Council Approved
Giant Power IPS units are approved off grid inverters suitable for installation under the Renewable Energy Certificate scheme.