








Giant Power 24V 2400W Dual MPPT Integrated Power System



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	 2400W Pure Sine Wave Inverter
 30A Multi-Stage Battery Charger	 Integrate with Mains Power
 LCD Control Panel	 Auto-Start Generator Functionality
 Monitoring & Data Recording Software	

** 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
- ✓ Anti-Vibration Upgrade

Specifications		Giant Power 24V 2400W Dual MPPT	
General Electrical			
Nominal DC Voltage	24V		
Peak Efficiency	90%		
Inverter			
Continuous Output	3000VA/2400W		
Surge Rating	4.8KW (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	29.2V (Flooded) 28.2V (MF)		
Float Voltage	27.0V (Flooded) 27.0V (MF)		
AC Recharging Current	40Amp x 2		
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	80 Amp		
Max PV Input/Output	2000W		
Max PV Input Voc	100V		
MPPT Range	30-80V		
Environmental / Mechanical			
Temperature Range	Operating: -20°C ~ 55°C Storage: -30°C ~ 60°C		
Dimension	355mm x 272mm x 100mm		
Net Weight	7kg		



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.