

## GenPlus G .SERIES Portable AC Power System

The G-series are portable AC power module ideal for environments where high capacity portable power are required for mission critical equipment. The system come with its own internal battery pack and can be connected to external hot swappable battery pack to increase the total usable energy capacity. The output are available in regulated True Sine wave 220Vac. Customized system of higher power capacity are available upon request.

- High capacity AC Power output**  
 Power output are available in True Sine wave 220Vac. Capacity up to 10KW are available .
- High temperature and long operation life LiFePO4 Battery**  
 Battery long service life up to 10 years (7 years typical) with more than 2000 recharge cycles and operating temperature up to 70degC.
- Electrical Protections**  
 G-series is comprehensively protected for Short Circuit, Overloading, Over-voltage, Over temperature and Surge protection.

Standard Aluminum enclosure



Standard Models	GT-300	GT-600	GT-1000	GT-3000
AC Output				
Output Power (W)	300W	600W	1000W	3000W
No of Output(s)	2	2	2	3
Output Socket Type	Universal Socket, individual On/Off Switch			
Output Voltage	220vac / 230Vac			
Frequency	50 Hz			
Regulation	±5% of Output Voltage			
Protection	High Temperature Short Circuit Overload			
DC Output				
12vdc Output	Available Options: 30W/50W/120W/250W			
5Vdc Output	10W-2A			
Output Sockets	12Vdc: Screw On Terminal, Car Lighter Socket 5Vdc: USB Type A			
Protection	Over Voltage Over Current Short Circuit			
Battery Input				
Battery Type	LiFePO4			
Protection	Discharge, Overcharge, Overload, Current Surge			
Built-In battery Capacity (Whr)	600Whr	600Whr	1200Whr	2400Whr
External Batteries	Hot Swappable with priority discharge for external battery (LFP Models) Daisy Chain for multiple external battery pack for extra battery capacity			
Environmental & Safety				
Operating Temperature	0° to 55 °			
Relative Humidity	0% to 95%			
Audible Noise	≤55dBA at 1M			
Ventilation	Built-In Fan			
Enclosure	Full Aluminium case			
Standard External Charger				
Charge Algorithm	CC/CV			
Max Charging Current	Available options: 0.2C/0.5C			