

# GEW SERIES - 8KW, 10KW, 12KW



- High PV array support from 12KW up to 15KW
- Dual 2X PV MPPT trackers, each PV 500V Voc max
- Pure sine wave output up to 12KW
- Dual 2X AC output port for flexible load management
- Max charging current up to 200A
- Supports battery-less operation (PV to load)
- BMS support to major battery brands - Pylontech, BYD, WECO, etc
- Built-in WIFI monitoring APP for smartphones
- Built-in anti-dust kit to enhance product life

GEW SERIES	8KW GEW	10KW GEW	12KW GEW
Power Rating	8KVA	10KVA	12KVA / 10KVA
<b>ELECTRICAL SPECIFICATION</b>			
Continuous Output	8KW	10KW	12KW (PV+battery), 10KW (battery only)
Input Voltage Range	90~280VAC (Appliance mode), 170~280VAC (UPS mode)		
Input/Output Frequency	50Hz / 60Hz (auto)		
Output Voltage	220V / 230V / 240VAC		
Output Waveform	Pure Sine Wave		
Peak Efficiency	>95%		
Nominal DC Voltage	48V		
Max Charging Voltage	61V		
Transfer Time	<10ms (UPS mode), <20ms (Appliance mode)		
Charging Mode	3-stage		
Max AC Charging Current	120A	150A	180A
<b>SOLAR CHARGER SPECIFICATIONS</b>			
Charging Algorithm	MPPT		
Max PV Input Voc	500V		
Max PV Array Power	12000W	14000W	15000W
Max PV Input Current	13A	18A	18A
Start-Up Voltage	150V ± 10V		
Max System Charging Current	150A	180A	200A
<b>ENVIRONMENTAL / MECHANICAL SPECIFICATIONS</b>			
Certification	CE		
Communication Interface	RS-232 / BMS / WIFI		
Operating/Storage Temp	0°C ~ 50°C / -10°C~ 60°C		
Operating Humidity	10~90% RH Non-Condensing		
Dimension	140*322*498mm		
Net Weight	14.5KG	16.5KG	16.5KG