

220-240V Single Phase  
OFF-GRID SOLUTION

**2X**  
AC OUTPUT

DU



# 4224GEW 6248GEW

**UPGRADED POWER TO 4.2KW**  
MAX CHARGING CURRENT 120A  
WIRELESS MONITORING ON PHONE  
OTA UPDATE  
BMS SUPPORTED  
BATTERYLESS MODE

**UPGRADED POWER TO 6.2KW**  
MAX CHARGING CURRENT 100A  
WIRELESS MONITORING ON PHONE  
OTA UPDATE  
BMS SUPPORTED  
BATTERYLESS MODE



## BMS COMMUNICATION

Built-in BMS port to work with leading lithium BMS in industry — **Py-lontech, BYD, Weco, Soltaro** with RS485 / CANbus support



## MAX 120A CHARGING

Upgraded charging power now up to max 120A (4224GEW) and 100A (6248GEW).



## WIRELESS MONITORING

built-in WIFI transmitter allows monitoring on smartphones, available on both iPhone and Android,



## ENHANCED PV SUPPORT

High PV input 500V design with max PV array support now up to 5KW and 6.5KW.

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## NEW I.SOLAR APP

Available on Apple Store & Google Play



### GEW SERIES

4224GEW

6248GEW

#### ELECTRICAL SPECIFICATION

Continuous Output	4.2KVA / 4.2KW	6.2KVA / 6.2KW
Input Voltage Range	90~280VAC (Appliance mode), 170~280VAC (UPS mode)	
Input/Output Frequency	50Hz / 60Hz	
Output Voltage	220VAC / 230VAC / 240VAC	
Output Waveform	Pure Sine Wave	
Peak Efficiency	93%	
Nominal DC Voltage	24V	48V
Max DC Input	32V	63V
Transfer Time	<10ms (UPS mode), <20ms (Appliance mode)	
Charging Mode	3-stage	
Max AC Charging Current	100A	
Max System Charging Current	120A	100A

#### SOLAR CHARGER SPECIFICATIONS

Charging Algorithm	MPPT	
Max PV Input Voc	500V	
Max PV Array Power	5000W	6500W
Max PV Input Current	18A	
MPPT Range	30-450V	90-450V
Max Solar Charging Current	120A	100A

#### ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Certification	CE	
Communication Interface	RS-232 / BMS RS485 / WIFI	
Operating/Storage Temp	0°C ~ 50°C / -10°C~ 60°C	
Operating Humidity	5%~95% RH (Non-Condensing)	
Dimension	115*300*435mm	
Net Weight	9Kg	10Kg