

220-240V Single Phase
OFF-GRID SOLUTION

PIP-GEW SOLAR INVERTER

3024GEW 5048GEW



3KW-24V, 5KW-48V

- ☑ High PV input max 500V
- ☑ Up to 100A charging
- ☑ Built-in WIFI transmitter
- ☑ Monitoring on iPhone/Android
- ☑ BMS port for select lithium
- ☑ Batteryless mode
- ☑ AC / DC priority mode



BMS COMMUNICATION

built-in BMS port for leading lithium battery brands in industry — Pylontech, Weco, Soltaro. Protocol available upon request.



WIFI MONITORING

built-in WIFI transmitter allows easy monitoring on smartphone, available on both iPhone or Android.



MAX 100A CHARGING

upgraded charging power now up to max 100A from PV, Grid, or combined.

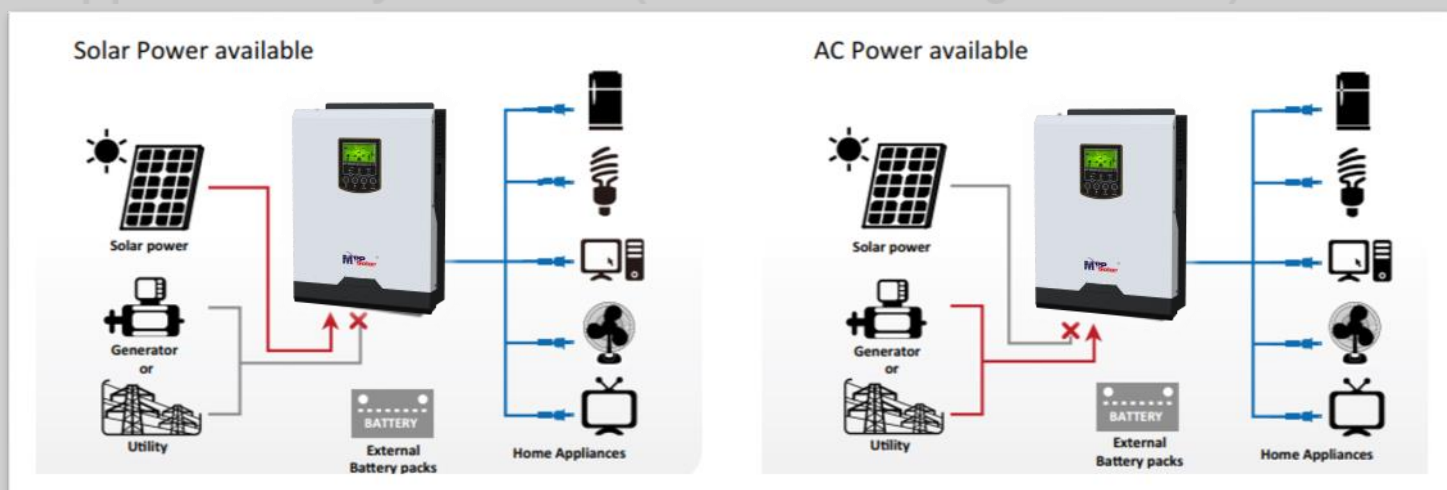


HIGH PV INPUT

upgraded PV input now up to 500Voc (5048GEW) and 450Voc (3024GEW)

220-240V Single Phase OFF-GRID SOLUTION

Supports batteryless mode (PV or Grid straight to load)



GEW SERIES

3024GEW

5048GEW

ELECTRICAL SPECIFICATION

Continuous Output	3KVA / 3KW	5KVA / 5KW
Input Voltage Range	90~280VAC (Appliance mode), 170~280VAC (UPS mode)	
Input/Output Frequency	50Hz / 60Hz	
Output Voltage	220V / 230V / 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	80A	100A
Max System Charging Current	100A	

SOLAR CHARGER SPECIFICATIONS

Charging Algorithm	MPPT	
Max PV Input Voc	450V	500V
Max PV Array Power	3000W	5000W
Max PV Input Current	13A	18A
MPPT Range	60-400V	120-450V
Max Solar Charging Current	100A	

ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Certification	CE	
Communication Interface	RS-232 / BMS / WIFI	
Operating/Storage Temp	0°C ~ 50°C / -10°C ~ 60°C	
Operating Humidity	20~90%RH Non-Condensing	
Dimension	390*288*110mm	440*300*120mm
Net Weight	7.5Kg	10Kg