

220-240V Single Phase
OFF-GRID SOLUTION

PIP-GE SOLAR INVERTER

1212GE / 2524GE



- Pure sine wave output
- 1.2KW/12V, 2.5KW/24V
- High PV input design
- Upgraded 80A charging
- Batteryless support
- Equalization mode
- AC/DC priority mode
- Cold start function (battery)
- Excellent CP ratio



BATTERY OPTIONAL

users can power load directly using only solar panels. Sufficient PV input required



MAX 80A CHARGING

upgraded charging power now up to maximum 80A from PV or utility source



EQUALIZATION CHARGE

applicable to flooded type lead acid batteries only. Maximum 15V (1212GE) / 31V (2524GE)

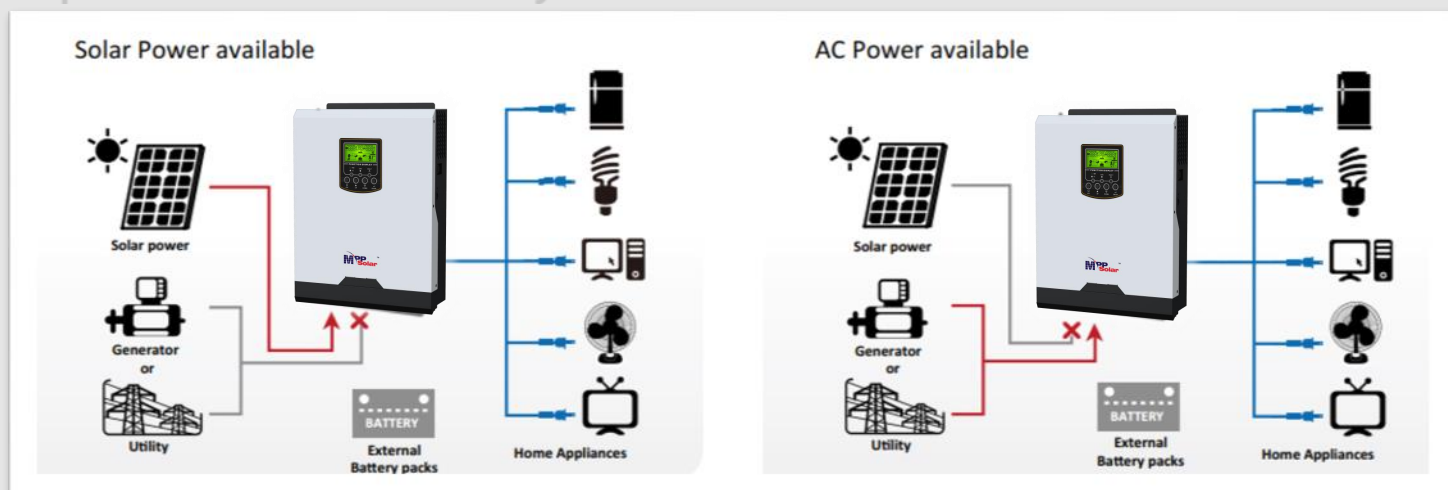


HIGH PV INPUT

upgraded PV input now up to 350Voc (1212GE) and 450Voc (2524GE)

**220-240V Single Phase
OFF-GRID SOLUTION**

Operation without battery connected*



GE SERIES

1212GE

2524GE

ELECTRICAL SPECIFICATION

| | | |
|-----------------------------|---|--------------|
| Continuous Output | 1200VA/1200W | 2500VA/2500W |
| Input Voltage Range | 90~280VAC (Appliance mode), 170~280VAC (UPS mode) | |
| Input/Output Frequency | 50Hz / 60Hz | |
| Output Voltage | 230VAC±5% | |
| Output Waveform | Pure Sine Wave | |
| Peak Efficiency | 93% | |
| Nominal DC Voltage | 12V | 24V |
| Max DC Input | 16V | 32V |
| Transfer Time | <10ms (UPS mode), <20ms (Appliance mode) | |
| Charging Mode | 3-stage | |
| Max AC Charging Current | 80A | |
| Max System Charging Current | 80A | |

SOLAR CHARGER SPECIFICATIONS

| | | |
|----------------------------|-----------|---------|
| Charging Algorithm | MPPT | |
| Max PV Input Voc | 350V | 450V |
| Max PV Array Power | 2000W | 3000W |
| Max PV Input Current | 13A | |
| MPPT Range | 70 - 300V | 70-400V |
| Max Solar Charging Current | 80A | |

ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

| | | |
|-------------------------|--------------------------|-------|
| Certification | CE | |
| Operating/Storage Temp. | 0°C ~ 50°C / -15°C~ 60°C | |
| Operating Humidity | 20~90%RH Non-Condensing | |
| Dimension | 358*288*90mm | |
| Net Weight | 7.0Kg | 7.0Kg |