

220-240V Single Phase  
OFF-GRID SOLUTION

OFF-GRID  
**MAX**  
SOLAR INVERTER



3.6KW  
24V

11KW  
48V

8KW  
48V



BATTERY OPTIONAL\*

2X

DUAL MPPT INPUT (48V only)



PARALLEL UP TO 6\*\*



INTEGRATED WIFI<sup>1</sup>



HIGH PV INPUT 500V (VOC)



LITHIUM BMS SUPPORT<sup>2</sup>



INTERNAL DATALOGGER

150A MAX CHARGING CURRENT

\* single unit only, parallel operation still requires battery  
\*\* standard on 48V model only (parallel kits are built-in)



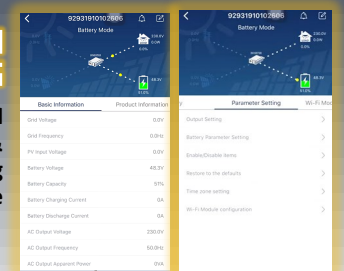
2 EXTENDED LITHIUM  
BMS SUPPORT



48V models offer built-in BMS support for Pylontech / Weco / Soltaro Lithium BMS systems; 24V model offers Pylontech BMS support only. BMS allows inverters to communicate accurately with battery and settings will automatically be programmed.

1 BUILT-IN WIFI  
MONITORING

Download App and monitor data & control setting from your phone



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**NEW**

| <b>PIP-MAX SERIES</b> | <b>3624MAX</b> | <b>8048MAX</b> | <b>11KW MAX</b> |
|-----------------------|----------------|----------------|-----------------|
| Rated Inverter Power  | 3600VA/3600W   | 8000VA/8000W   | 11KVA/11KW      |
| Parallel Capability   | Optional*      | Yes up to 6    | Yes up to 6     |

**ELECTRICAL SPECIFICATION**

|                                    |   |        |        |
|------------------------------------|---|--------|--------|
| Output Waveform                    | Pure sine wave  |        |        |
| Nominal Output Voltage             | 230 VAC   |        |        |
| Frequency Range                    | 50 Hz/60 Hz (Auto sensing)                                  |        |        |
| AC Voltage Regulation (Batt. Mode) | 230VAC $\pm$ 5%   |        |        |
| Peak Efficiency                    | >95%  | >97%   | >97%   |
| Transfer Time                      | 10 ms (For Personal Computers), 20 ms (For Home Appliances) |        |        |
| THD                                | <3% (non-linear)  |        |        |
| No Load Power Consumption          | <45W  | <70W   | <70W   |
| Battery Nominal Voltage            | 24 VDC  | 48 VDC | 48 VDC |
| Max Bulk/Float Charge              | 31 VDC  | 62 VDC | 61 VDC |
| Overcharge Protection              | 33 VDC  | 66 VDC | 63 VDC |

**SOLAR CHARGER & AC CHARGER**

|                              |         |            |            |
|------------------------------|---------|------------|------------|
| Solar Charger type           | MPPT    |            |            |
| Maximum PV Array Power       | 4000W   | 8000W      | 11KW       |
| PV Input                     | 1       | 2          | 2          |
| Recommended Minimum PV input | 150 VDC | 100 VDC    | 100 VDC    |
| Max PV Input Current         | 18A     | 18A (each) | 18A (each) |
| Maximum PV Array Voc         | 500 VDC |            |            |
| Maximum Solar Charge Current | 80A     | 120A       | 150A       |
| Maximum AC Charge Current    | 80A     | 120A       | 150A       |
| Maximum Total Charge Current | 80A     | 120A       | 150A       |

**ENVIRONMENTAL / MECHANICAL SPECIFICATION**

|                           |  |      |      |
|---------------------------|--|------|------|
| Communication Interface   | USB/RS232/BMS/WIFI/Dry-contact               |      |      |
| Humidity                  | 5% to 95% Relative Humidity (Non-condensing) |      |      |
| Operating / Storage Temp  | -10°C to 50°C/ -15°C to 60°C                 |      |      |
| Compliance Safety         | CE   |      |      |
| Dimension, D X W X H (mm) | 554 x 433 x 148                              |      |      |
| Net Weight (kgs)          | 14   | 18.5 | 18.5 |

\*Requires special order (cannot be upgraded post-production)

\*\*Product specifications are subject to change without further notice

