








220-240V Single Phase  
OFF-GRID SOLUTION

OFF-GRID  
**MAX**  
SOLAR INVERTER



-  BATTERY OPTIONAL\*
-  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)

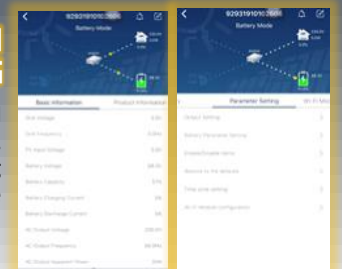


**2 EXTENDED LITHIUM  
BMS SUPPORT**

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**

PIP-MAX SERIES	3624MAX	8048MAX	11KW MAX
Rated Inverter Power	3600VA/3600W	8000VA/8000W	11KVA/11KW
Parallel Capability	Optional*	Yes up to 6	Yes up to 6
<b>ELECTRICAL SPECIFICATION</b>			
Output Waveform	Pure sine wave		
Nominal Output Voltage	230 VAC		
Frequency Range	50 Hz/60 Hz (Auto sensing)		
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%		
Efficiency (Peak)	91%	93%	93%
Transfer Time	10 ms (For Personal Computers), 20 ms (For Home Appliances)		
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
<b>SOLAR CHARGER &amp; AC CHARGER</b>			
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
<b>ENVIRONMENTAL / MECHANICAL SPECIFICATION</b>			
Communication Interface	USB/RS232/BMS/WIFI/Dry-contact		
Humidity	5% to 95% Relative Humidity (Non-condensing)		
Operating / Storage Temp	-10° to 50°C/ -15° 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

