

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

OFF-GRID
MAX
SOLAR INVERTER

3.6KW 24V

8.0KW 48V

7.2KW 48V

Max PV Input 500V

Parallel Max up to 6*

Max Charge 31V (62V)

Max 80A / 120A MPPT

Batteryless Support**

Genset Starter Dry Contact

Built-in Parallel Kit

Dual MPPT Input (48V only)

Equalization Charge

Built-in WIFI Transmitter

Lithium BMS Support

Timer Output Control

Detachable LCD Module

Internal Datalogger



*standard on 48V model (optional on 24v)

**parallel operation requires battery



**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.

**WATCHPOWER
WIFI**

Download App and monitor data & control setting from your phone



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PIP-MAX SERIES	3624MAX	7248MAX	8048MAX
Rated Inverter Power	3600VA/3600W	7200VA/7200W	8000VA/8000W
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 ± 5%		
Efficiency (Peak)	91%	93%	93%
Transfer Time	15 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	62 VDC
Overcharge Protection	33 VDC	66 VDC	66 VDC

SOLAR CHARGER & AC CHARGER

Solar Charger type	MPPT		
Maximum PV Array Power	4000W	8000W	8000W
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
Maximum AC Charge Current	80A		120A
Maximum Total Charge Current	80A		120A

ENVIRONMENTAL / MECHANICAL SPECIFICATION

Communication Interface	USB/RS232/RS485/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

