

**LOW VOLTAGE 120V  
OFF GRID SOLUTION**

**BUILT-IN  
AVR**

## LV-MR **SOLAR AVR** INVERTER



### PURE SINE WAVE

- ◆ Pure sine wave output ensures



### BOOST / BUCK AVR

- ◆ AVR regulates output voltage despite grid fluctuation for maximum load protection



### GENERATOR SUPPORT

- ◆ In the absence of grid input unit can connect to generator for emergency backup (inverter-type generators)



### MPPT SOLAR CHARGER

- ◆ Built-in 25A max MPPT solar charger can provide power up to 750W



### 120V OUTPUT

- ◆ Suitable for USA and countries using 110-120v load type without the need

### WATCHPOWER

\*FREE monitoring software available on PC, Mac, Linux 32bit / 64bit



### USB PORT

- ◆ 3 5V/3A USB ports (2 x Type A, 1 x Type C) on unit for quick charging your gadgets



### SMART BATTERY CHARGER

- ◆ 3 stage charging and proper low volt cut off with programmable controls optimize battery performance



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# AVR



## PIP-LV-MR Series

**2724LV-MR**

### ELECTRICAL SPECIFICATIONS

Max Rated Power	3KVA / 2700W
Input Voltage	120VAC
Input Voltage Range	95-140 VAC (Personal Computers) / 85-140 VAC (Home Appliances)
Input/Output Frequency	50Hz / 60Hz Auto Sensing
Output Voltage	120VAC $\pm$ 5% (Battery mode) / 120VAC $\pm$ 10% (AVR mode)
Output Waveform	Pure Sine Wave
Peak Efficiency	93%
Battery Nominal Voltage	24V
Max DC Voltage	31V
Transfer Time (2 Modes)	<10ms (Personal Computers), <20ms (Home Appliance)
Charging Mode	3-stage
Max AC Charging Current	25A

### SOLAR CHARGER

Max PV Input / Output	750W
Max Charging Current	25A
Max PV Input Voc	60V (Voc)
Algorithm	MPPT

### USB CHARGER

Voltage and Current	5VDC, 3A
Output Connectors	Type A * 2, Type C * 1

### ENVIRONMENTAL / MECHANICAL SPECIFICATIONS

Certification	CE
Operating/Storage Temp.	0°C ~ 55°C / -15°C ~ 60°C
Operating Humidity	5~90%RH Non-Condensing
Dimension	310*380*104mm
Net Weight	12.0Kg



Buying Solar should be this easy

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