











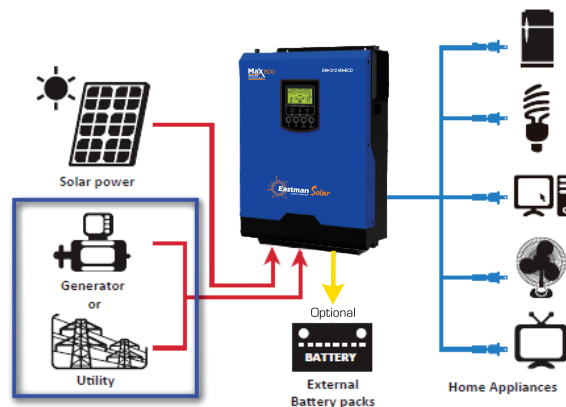
**Max<sup>ECO</sup>**  
SOLAR  
INVERTER

**EM-1212 MX-ECO**

 Power Factor 1	 Max PV Array 2000 W	 MPPT Range 60~300 VDC	 Solar Charge Current 100 A				
 Lithium Compatible	No	 Wifi	Optional	 Detachable Screen	No	 Parallel Function	No

## Special Features :

- Pure sine wave solar inverter
- Wide PV input range
- Battery independent design
- Maximum charging current 100A
- Battery equalization function to optimize battery performance and extend life cycle
- Built-in anti-dust kit





# SOLAR INVERTER

MODEL	EM 1212 MX-ECO
Rated Power	1200VA / 1200W
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt.)	230VAC $\pm$ 5%
Surge Power	2400VA
Efficiency (Peak)	93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	12 VDC
Floating Charge Voltage	13.5 VDC
Overcharge Protection	16 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit	350 VDC
Maximum PV Array Power	2000 W
MPPT Range @ Operating Voltage	60~300 VDC
Maximum Solar Charge Current	100 A
Maximum AC Charge Current	80 A
Maximum Charge Current	100 A
<b>PHYSICAL</b>	
Dimension D x W x H (mm)	90 x 288 x 357
Net Weight (kgs)	6.5
Communication Interface	Rs232, optional WiFi
<b>ENVIRONMENT</b>	
Humidity	5% to 95% Relative Humidity (Non-condensing)
Operating Temperature	-10°C to 50°C
Storage Temperature	-15°C to 60°C

Product specification are subject to change without prior notice.