



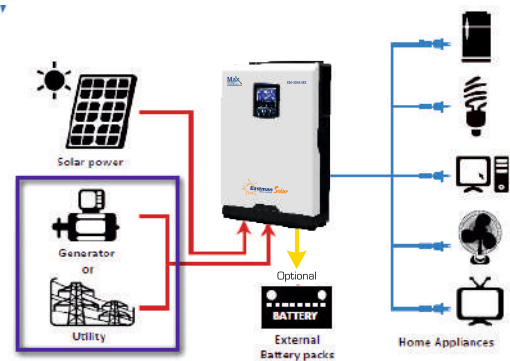
**Max**  
SOLAR  
INVERTER

**EM-3024 MX**

 Power Factor 1	 Max PV Array 4000 W	 MPPT Range 120~450 VDC	 Solar Charge Current 100 A				
 Lithium Compatible	No	 Wifi	Optional	 Detachable Screen	No	 Parallel Function	No

## SPECIAL FEATURES

- Pure sine wave solar Inverter
- High PV input voltage range
- Built-in-anti-dust kit for harsh environment
- Built-in 100A MPPT solar Charger
- Battery Independent design
- Battery equalization function to optimize battery performance and extend Lifecycle





# SOLAR INVERTER

MODEL	EM-3024 MX
Rated Power	3000VA / 3000W
<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 ± 5%
Surge Power	6000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Maximum PV Array Open Circuit	500 VDC
Maximum PV Array Power	4000 W
MPPT Range @ Operating Voltage	120~450 VDC
Maximum Solar Charge Current	100 A
Maximum AC Charge Current	100 A
Maximum Charge Current	100 A
<b>PHYSICAL</b>	
Dimension D x W x H (mm)	100 x 300 x 440
Net Weight (kgs)	9
Communication Interface	USB/RS232
<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 specifications are subject to change without prior notice.

## AMPS MIDDLE EAST FZ LLC

703 & 704, 7th Floor, Deira Twin Tower, Baniyas Square, Deira, Dubai (UAE)

[www.eastmanworld.com](http://www.eastmanworld.com) | [marketing@eastmanworld.com](mailto:marketing@eastmanworld.com)