











**MaxPRO**  
5.6  
SOLAR  
INVERTER

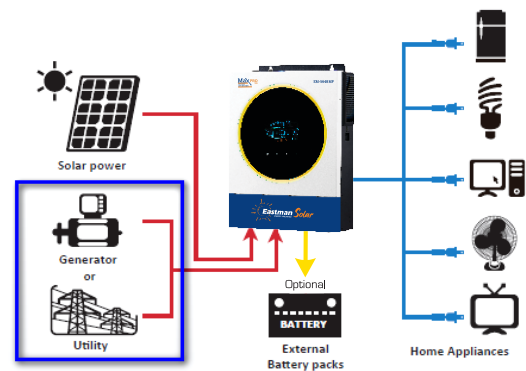
**EM-5648 MP**

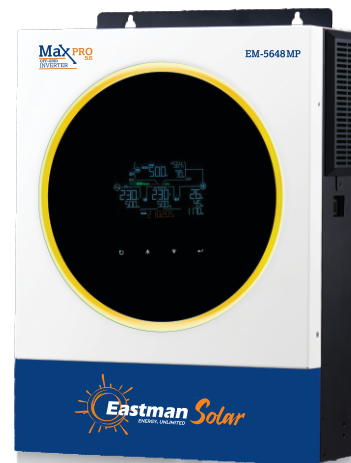


 Power Factor 1	 Max PV Array 6000 W	 MPPT Range 120~450 VDC	 Solar Charge Current 120 A				
 Lithium Compatible	Yes	 Wifi	Built-in	 Detachable Screen	No	 Parallel Function	No

## Special Features :

- Customizable status LED ring with RGB lights
- Touchable button with 4.3" colored LCD
- Built-in Wifi for mobile monitoring (Android & IOS App is available)
- Supports USB On-the-Go function
- Reserved communication port for BMS
- Battery independent design
- Battery equalization extends lifecycle
- User-friendly LCD operation
- Enhanced charging power
- Built-in-anti-dust kit





# SOLAR INVERTER

MODEL	EM-5648 MP
Rated Power	5600VA/5600W
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Personal Computers) ; 90-280VAC (For Home Appliances)
Frequency Range	50Hz / 60Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230 VAC $\pm$ 5%
Surge Power	11200VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	15 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	63 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Power	6000W
MPPT Range @ Operating Voltage	120 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	120 A
Maximum AC Charge Current	100 A
Maximum Charge Current	120 A
<b>PHYSICAL</b>	
Dimension D x W x H (mm)	119 x 313.6 x 422.8
Net Weight (kgs)	12.0
Communication Interface	USB/RS232/RS485/WiFi/Dry-contact
<b>OPERATING 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.