



Max PRO
SOLAR
INVERTER

EM-6048 MP
EM-4024 MP

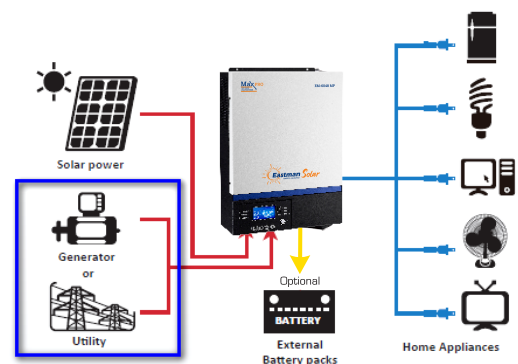


 Power Factor 1	 Max PV Array 6000 W / 5000 W	 MPPT Range 120~450 VDC	 Solar Charge Current 120 A
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 Lithium Compatible	Yes	 Wifi	Built-in	 Detachable Screen	Yes	 Parallel Function	No
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Special Features :

- Detachable LCD control module with various communications
- Built-in WiFi for mobile monitoring (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
- Replaceable fan design for ease of maintenance





SOLAR INVERTER

MODEL	EM-6048 MP	EM-4024 MP
Rated Power	6000VA/6000W	4000VA /4000W
INPUT		
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)	
OUTPUT		
AC Voltage Regulation (Batt. Mode)	230VAC ± 10%	
Surge Power	12000VA	8000VA
Efficiency (Peak)	90% ~ 93%	
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)	
Waveform	Pure sine wave	
BATTERY		
Battery Voltage	48 VDC	24 VDC
Floating Charge Voltage	54 VDC	27 VDC
Overcharge Protection	63 VDC	33 VDC
SOLAR CHARGER & AC CHARGER		
Solar Charger Type	MPPT	
Maximum PV Array Power	6000W	5000W
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	
PHYSICAL		
Dimension D x W x H (mm)	115 x 300 x 400	
Net Weight (kgs)	10	9
Communication Interface	USB/RS232/RS485/Wifi/Dry-contact	
OPERATING ENVIRONMENT		
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.