



Max PRO
3.6
OFF-GRID
INVERTER

ES-3624 MP
4000W



 **Lithium-Ion
Battery Compatible**



**Detachable LCD
Control Module**



**Output
Power Factor 1**



**Replaceable
Fan Design**

 **Maximum PV Array
Open Circuit 500 VDC**



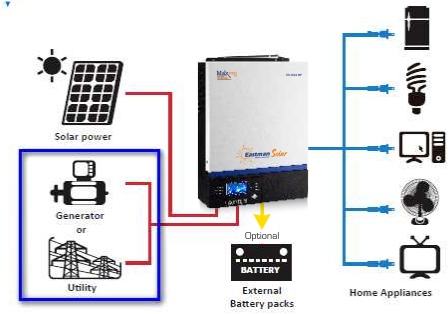
**Maximum PV
Array Power 5000 W**



**Maximum Solar
Charge Current 120A**

Special Features :

- Detachable LCD control module with various communications
- 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
- Replaceable fan design for ease of maintenance



OFF-GRID INVERTER

MODEL	ES-3624 MP
Rated Power	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)	230 VAC \pm 5%
Surge Power	8000VA
Efficiency (Peak)	90% ~ 93%
Transfer Time	10 ms (For Personal Computers) ; 20 ms (For Home Appliances)
Waveform	Pure sine wave
BATTERY	
Battery Voltage	24 VDC
Floating Charge Voltage	27 VDC
Overcharge Protection	33 VDC
SOLAR CHARGER & AC CHARGER	
Solar Charger Type	MPPT
Maximum PV Array Power	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)	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.