



**Max PRO**  
OFF-GRID  
INVERTER

**ES-8000 MP**



**Lithium-Ion  
Battery Compatible**



**Reserved Communication  
Port For BMS**



**Output  
Power Factor 1**



**Maximum PV Array  
Open Circuit 500 VDC**



**Maximum PV  
Array Power 8000 W**



**Maximum Solar  
Charge Current 120A**



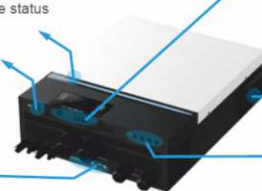
**RGB light:**  
Different color to present output source from PV,  
Grid or battery and battery charge/discharge status



**Communication for Remote panel**



**Parallel connectors:**  
Maximum 6 units in parallel



**Diverse communications:**  
USB On-the-Go function,  
Dry contact and BMS communication



**Anti-dust filter:**  
Increase product reliability  
in harsh environment

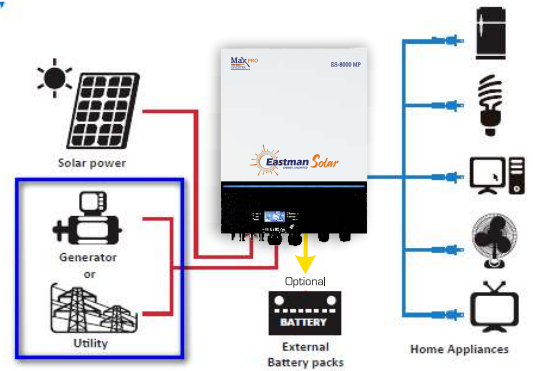


**DC output connectors:**  
Connect to DC fan, LED bulb or router



## Special Features :

- Status indication with RGB lights
- Built-in Wi-Fi for mobile monitoring (Android/iOS App is available)
- Reserved communication port for BMS
- Replaceable fan design for ease of maintenance
- Battery independent design
- Built-in anti-dust kit
- Selectable input voltage range for home appliances and personal computers
- Selectable high power charging current
- Configurable AC/PV output usage timer and prioritization
- Compatible to Utility Mains or generator input
- Parallel operation with 6 units
- Supports USB On-the-Go function



# OFF-GRID INVERTER

<b>MODEL</b>	ES-8000 MP
Rated Power	8000VA/8000W
Parallel Capability	YES, 6 units
<b>INPUT</b>	
Voltage	230 VAC
Selectable Voltage Range	170-280 VAC (For Computers) 90-280 VAC (For Home Appliances)
Frequency Range	50 Hz/60 Hz (Auto sensing)
<b>OUTPUT</b>	
AC Voltage Regulation (Batt. Mode)	230VAC ± 5%
Surge Power	16000VA
Efficiency (Peak)	90% ~93%
Transfer Time	15 ms (For Personal Computers), 20 ms (For Home Appliances)
Waveform	Pure sine wave
No Load Power Consumption	<70W
<b>BATTERY</b>	
Battery Voltage	48 VDC
Floating Charge Voltage	54 VDC
Overcharge Protection	66 VDC
<b>SOLAR CHARGER &amp; AC CHARGER</b>	
Solar Charger Type	MPPT
Maximum PV Array Power	8000W (4000W x 2)
MPPT Range @ Operating Voltage	90 ~ 450 VDC
Maximum PV Array Open Circuit Voltage	500 VDC
Maximum Solar Charge Current	120A
Maximum AC Charge Current	120A
Maximum Charge Current	120A
<b>PHYSICAL</b>	
Dimension, D x W x H (mm)	147.4 x 432.5 x 553.6
Net Weight (kgs)	18.4
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
<b>STANDARD</b>	
Compliance Safety	CE

Product specification are subject to change without prior notice.