



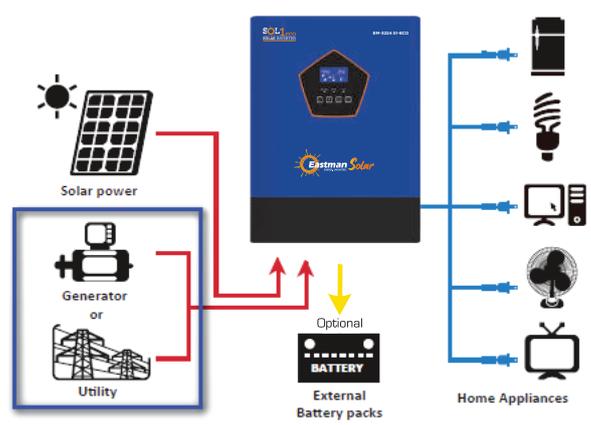
SOL1-ECO
SOLAR INVERTER

EM-3224 S1-ECO

 Power Factor 1	 Max PV Array 3500W	 MPPT Range 60-450VDC	 Solar Charge Current 100 A				
 Lithium Compatible	Yes	 Wifi	Optional	 Detachable Screen	No	 Parallel Function	No

Special Features :

-  **MPPT**
Pure sine wave MPPT solar inverter
Bulit-in 80/100A MPPT solar charger
-  **Battery**
Battery equalization function extend lifecycle
Reserved communication port(RS485,CAN)for BMS
-  **OFF-Grid**
SOL1-ECO series is suitable for off-grid applications.
-  **Easy access**
High PV input voltage range
With touch buttons





TECHNICAL SPECIFICATIONS

MODEL		EM-3224 S1-ECO
Rated Power	3200VA/3200W	
INPUT		
Voltage	230VAC	
Selectable Voltage Range	170-280VAC (For Personal Computers ; 90-280 VAC (For Home Appliances)	
Frequency Range	50/60Hz (Auto sensing)	
OUTPUT		
AC Voltage Regulation (Battery Mode)	230VAC 3 5%	
Surge Power	6400VA	
Efficiency (Peak)	93%	
Transfer Time	10ms (For Personal Computers) ; 20ms (For Home Appliances)	
Wave Form	Pure sine wave	
BATTERY		
Battery Voltage	24VDC	
Floating Charge Voltage	27VDC	
Overcharge Protection	33VDC	
SOLAR CHARGER AC CHARGER		
Maximum PV Array Open Circuit Voltage	500VDC	
Maximum PV Array Power	3500W	
MPPT Range Operating Voltage	60-450VDC	
Maximum Solar Charge Current	100A	
Maximum AC Charge Current	80A	
Maximum Charge Current	100A	
GENERAL PARAMETERS		
Operation Temperature	-10°C to 50°C	
Relative humidity	5% to 95% Relative Humidity (Non-condensing)	
Dimensions D x W x H(mm)	335*225*105	
Net Weight(KG)	6	
DISPLAY AND COMMUNICATION		
Communication Interface	Standard:RS232 ; CAN&RS485	
Safety standard	EN/IEC62109-1,EN/IEC62109-2	

Product specification are subject to change without prior notice.