



SOL1 ECO OFF-GRID INVERTER 3200W / 5500W

Introduction

Eastman SOL1 Eco Off-grid Inverter—a smart solution tailored for off-grid energy needs. It offers seamless integration with solar panels, efficiently converting solar energy into reliable electricity. With its user-friendly design and built-in MPPT technology, this inverter ensures a hassle-free experience, providing consistent and sustainable power.

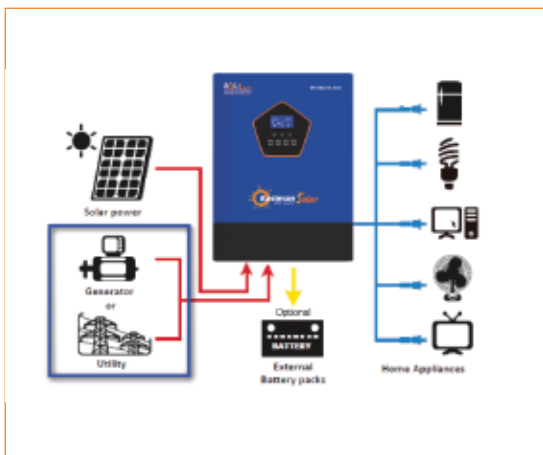
Product Features

- Pure sine wave solar inverter
- Reserved communication port for BMS
- Wide PV input range
- Battery independent design
- Maximum charging current 100/120A
- Battery equalization function to optimize battery performance and extend lifecycle
- External anti-dust kit

Applications

Hospitality, Schools, Universities, Poultry, Agri & Cold Storage, Corporate and Residential.

Connection Diagram



Key Features

MODEL	EM-3224 S1-ECO	EM-5548 S1-ECO
Power Factor	1	1
Max PV Array	3500 W	5500 W
MPPT Range	60-450VDC	60-450VDC
Lithium Compatibility	Yes	Yes
Parallel Function	No	No
Detachable Screen	No	No
Wifi	Optional	Optional
Battery Voltage	24VDC	48VDC
Solar Charging Current	100 A	120 A
Dimension D*W*H (mm)	335*225*105	400*300*115
Net Weight (Kgs)	6	9.5
Operating Temperature	-10°C to 50°C	-10°C to 50°C