

SOL1 ECO OFF-GRID INVERTER 4000W/6000W

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.

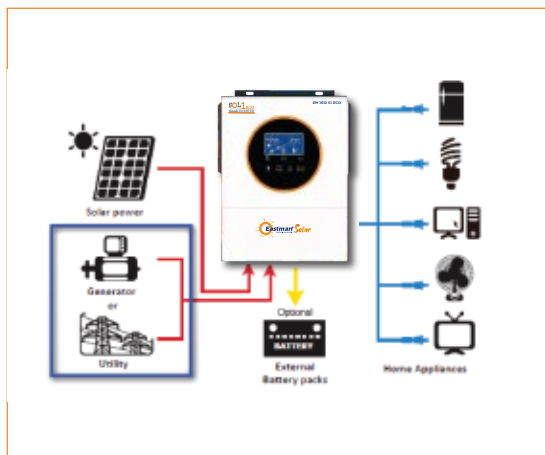
Product Features

- Built-in 120A MPPT solar charger
- Battery equalization function extend lifecycle
- Reserved communication port (RS485 CAN)for BMS
- SOL1-ECO series is suitable for Off-Grid applications
- High PV input voltage range

Applications

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

Connection Diagram



Key Features

| MODEL | EM-4000 S1-ECO | EM-6000 S1-ECO |
|------------------------|----------------|----------------|
| Power Factor | 1 | 1 |
| Max PV Array | 5000W | 7000W |
| 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 | 120A | 120A |
| Dimension D*W*H (mm) | 400*300*115 | 400*300*115 |
| Net Weight (Kgs) | 8.5 | 9 |
| Operating Temperature | -10°C to 50°C | -10°C to 50°C |