



The **WISE** Choice

EASTMAN WORLD

Welcome to Eastman World - Your Global Partner in Energy Solutions!



OFF-GRID INVERTERS

SOL1 ECO | SOL1 ULTRA TWIN
SOL1 ULTRA

Eastman Introduction

Founded in 2006

Established in 2006, Eastman Auto & Power Limited is a well-known name in the field of solar energy, energy storage, and power electronics, boasting a USD 300 million revenue and a dedicated workforce of over 3,000 professionals. Building on the group's decades-long success and maintaining the trust of our partners, Mr. Jagdish Rai Singal ventured into the future of energy with Eastman Auto & Power Limited. Today, the business spans over 25 countries across Asia and Africa, providing the world with cutting-edge products that have set new benchmarks in their respective segments. Driven by innovation, we continually set industry standards, ensuring uninterrupted power supply for residential, commercial, and industrial applications.

Our global solar distribution business provides reliable and high-quality solar solutions, including solar inverters, solar panels, solar batteries (tubular, carbon, gel and lithium) solar pump inverters, solar charge controllers, and more. Our products offer a range of solutions to help you make the switch to clean energy. With us as your unwavering partners, we forge a sustainable future, amplifying global excellence through transformative products and services.



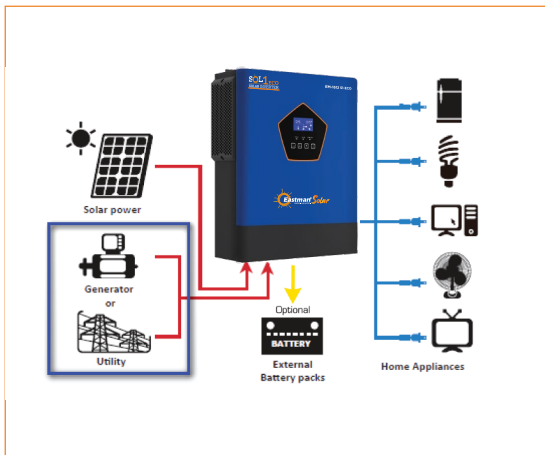


SOL1 ECO OFF-GRID INVERTER 1600VA/1600W

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.

Connection Diagram



Product Features

- Pure sine wave solar inverter
- Built-in 80A 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 With touch buttons

Applications

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

Key Features

MODEL	EM 1612 S1-ECO
Power Factor	1
Max PV Array	2000W
MPPT Range	60-450VDC
Lithium Compatibility	YES
Parallel Function	NO
Detachable Screen	NO
Wifi	Optional
Battery Voltage	12VDC
Solar Charging Current	80A
Dimension D*W*H (mm)	335*225*105
Net Weight (Kgs)	5
Operating Temperature	-10°C to 50°C



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.

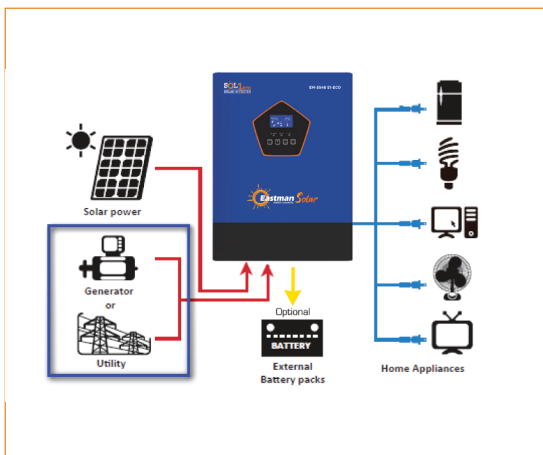
Product Features

- Pure sine wave solar inverter
- Built-in 80/100A 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 With touch buttons

Applications

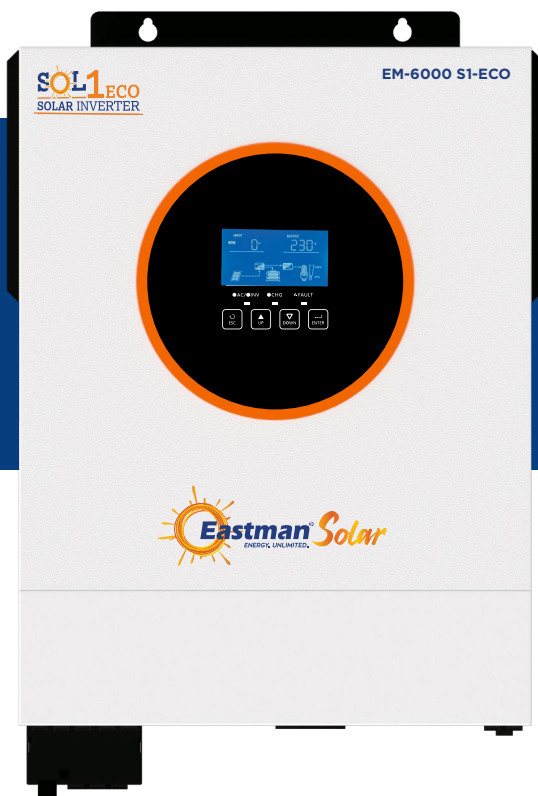
Hospitality, Schools, Universities, Poultry, Agri & Cold Storage, Corporate and Residential.

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	80A	100A
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

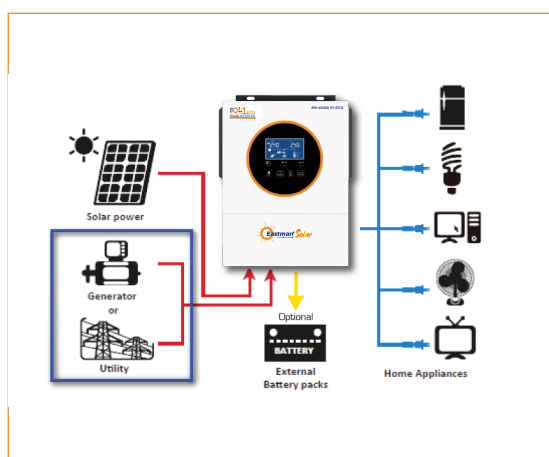


SOL1 ECO OFF-GRID INVERTER 4000W/6000W

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.

Connection Diagram



Product Features

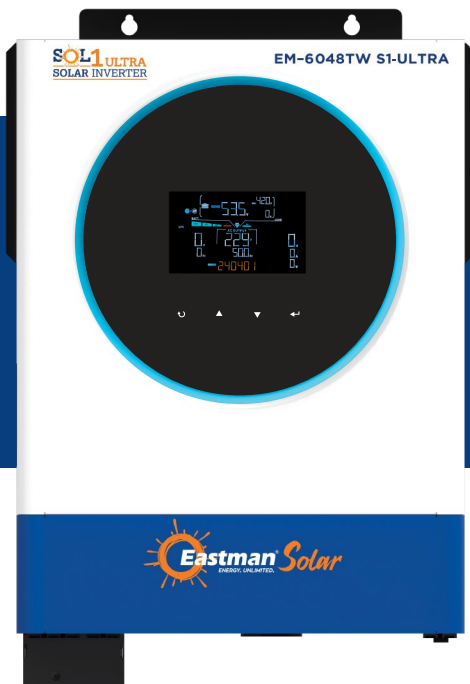
- Built in Wifi
- Two Outputs for Smart Load Management
- Built-in 120A MPPT solar charger
- Battery equalization function extend lifecycle
- Reserved communication port (RS485 CAN) for BMS
- SOL1-ECO series is suitable for Off-Grid applications
- High PV input voltage range
- Dual AC Output

Applications

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

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	Yes	Yes
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
RGB Light	No	No



SOL1 ULTRA TWIN OFF-GRID INVERTER 4000W / 6000W



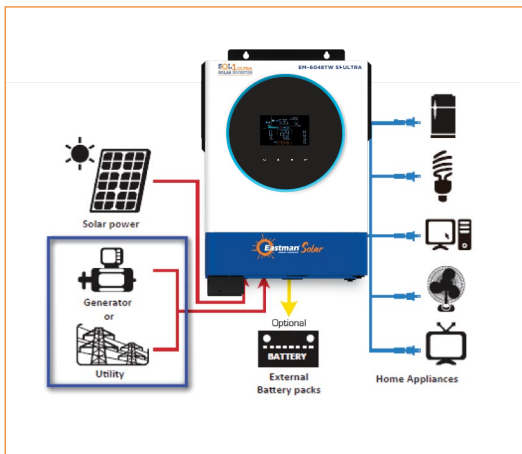
Introduction

Eastman SOL1 ULTRA Off-grid Inverter - Featuring a battery independence design, this advanced inverter ensures optimal energy management and versatility. The Eastman SOL 1 allows seamless operation even without batteries, maximizing solar energy usage for various off grid applications.

Product Features

- Designed with 27A PV input current compatible to the market trend of increased Imp of solar panel.
- Battery equalization function extend lifecycle Reserved communication port(RS485,CAN)for BMS.
- Two outputs for smart load management. The second output can be scheduled on & off based on setting point of battery transfer to utility.
- Global cloud platform mobile APP anytime and anywhere open APP, support power internet applications.
- SOL1 ULTRA series is suitable for off-grid applications.
- Customizable status LED ring with RGB lights.

Connection Diagram



Key Features

MODEL	EM-4024TW S1 ULTRA	EM-6048TW S1 ULTRA
Power Factor	1	1
Max PV Array	5000W	6000 W
MPPT Range	60-450VDC	60-450VDC
Lithium Compatibility	Yes	Yes
Parallel Function	No	No
Detachable Screen	No	No
Wifi	Optional	Optional
Battery Voltage	24 VDC	48 VDC
Solar Charging Current	120 A	120 A
Dimension D*W*H (mm)	434*311*126.5	434*311*126.5
Net Weight (Kgs)	8.5	9
Operating Temperature	0°C to 50°C	0°C to 50°C
RGB Light	Yes	Yes



SOL1 ULTRA OFF-GRID INVERTER 8000W / 11000W



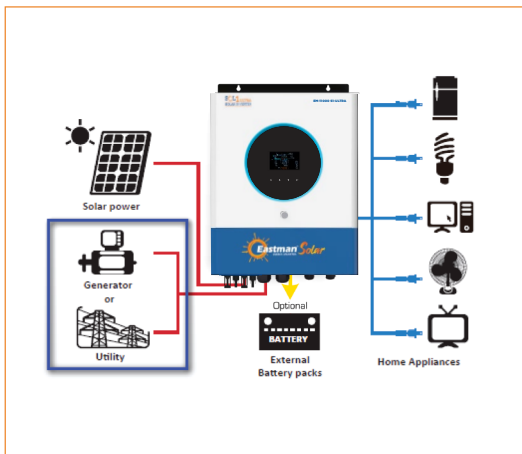
Introduction

Eastman SOL1 ULTRA Off-grid Inverter - Featuring a battery independence design, this advanced inverter ensures optimal energy management and versatility. The Eastman SOL 1 allows seamless operation even without batteries, maximizing solar energy usage for various off grid applications.

Product 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.
- Configurable AC/PV output usage timer and prioritization.
- Selectable high power charging current.
- Selectable input voltage range for home appliances and personal computers.
- Compatible to Utility Mains or generator input.
- Parallel operation with 6 units.
- External anti-dust kit

Connection Diagram



Key Features

MODEL	EM8000 S1-ULTRA	EM11000 S1-ULTRA
Power Factor	1	1
Max PV Array	5000W*2	5500W*2
MPPT Range	60-450VDC	60-450VDC
Lithium Compatibility	Yes	Yes
Parallel Function	Yes, Up to 6 Units	Yes, Up to 6 Units
Detachable Screen	No	No
Wifi	Yes	Yes
Battery Voltage	48 VDC	48 VDC
Solar Charging Current	120 A	150 A
Dimension D*W*H (mm)	147.4*432.5*553.6	152.4*420*561.6
Net Weight (Kgs)	18	18
Operating Temperature	-10°C to 50°C	-10°C to 50°C
RGB Light	Yes	Yes