



#TheWiseChoice

# Solar Access

(Solar MPPT Inverter with Storage)



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## Why Choose Eastman Solar Access (Solar MPPT Inverter with Storage)?



**Maximum Solar Savings:** Advanced MPPT technology continuously tracks and extracts the highest possible power from your solar panels, ensuring maximum energy utilization and lower electricity bills.



**Uninterrupted Power, Anytime:** Pure Sine Wave output with ultra-fast changeover keeps lights, fans, TVs, routers, laptops, and other essential appliances running smoothly during power outages.



**Faster Charging, Longer Backup:** High solar charging capability and intelligent battery management enable quicker charging, improved battery health, and extended backup performance.



**Built for Indian Power Conditions:** Wide input voltage range, overload protection, short-circuit protection, and auto-reset functionality ensure reliable operation even in challenging grid conditions.



**Trusted Reliability & Peace of Mind:** Designed with advanced DSPIC (Digital Signal Controller with Programmable Intelligent Computer) technology and backed by Eastman's trusted quality standards and comprehensive warranty support for long-term dependable performance.

# What's Inside

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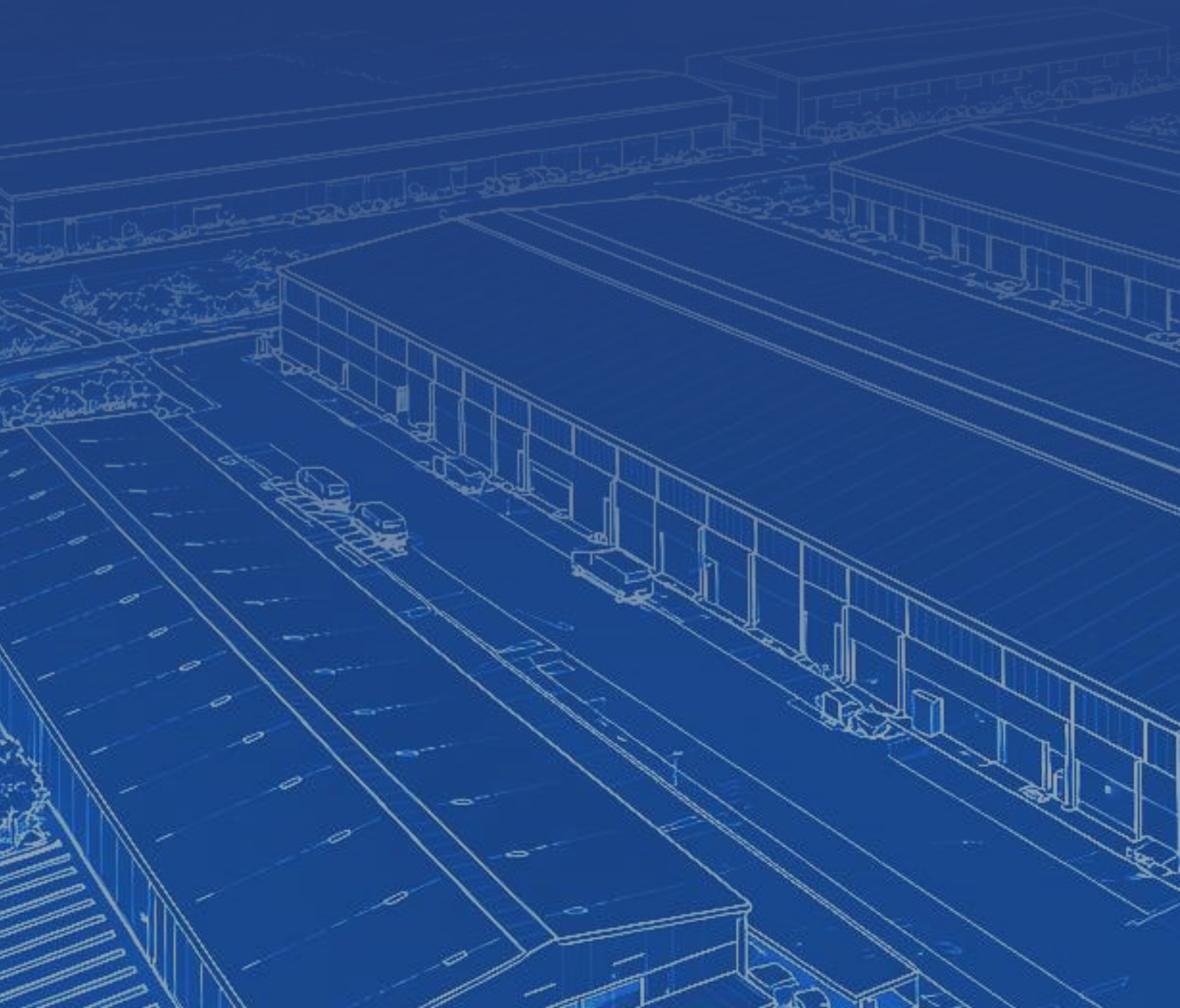
# Forever Forward.

For India, Its People and What Comes Next

## ENERGY TRANSITION COMPANY

Purpose-built to move India and its people permanently forward.

We operate at the intersection of where energy access meets everyday life: last mile e-mobility that puts livelihoods in motion, Residential Solar with Storage that brings energy independence to homes and businesses and advanced electronics manufacturing that builds the technological backbone of a cleaner economy.





**₹5601 Cr.\***  
FY25-26 Turnover



**CAGR 29.6%**  
Last 4 Fiscal Years



Over **4100+**  
Employees



**1900+**  
Distributors

# Solar Access

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**5**  
**YEARS\***  
**WARRANTY**

**Model:**  
**Solar Access 1010**

# Solar Access

## (Solar MPPT Inverter with Storage)


Designed with advanced DSPIC-based technology and an MPPT charger with isolated gate drive, Solar Access delivers higher solar energy harvesting and optimized battery charging performance. Its wide input voltage range ensures reliable operation even in challenging grid conditions, while Pure Sine Wave output provides safe and stable power for sensitive appliances.

With fast transfer time, automatic reset functionality, and intelligent protection against overload and short circuits, Solar Access offers dependable backup power for homes and small businesses. Engineered for durability and efficiency, it helps maximize solar utilization while ensuring uninterrupted comfort and productivity.




## What's Inside:

1. MPPT Solar Inverter - 1000VA
2. Lithium Battery (EM LIB 160) - 12.8V 100Ah




### Reliability

Life. Uninterrupted.




**Zero Drop MPPT Topology**

100% solar energy reaches the battery without any leakage




**Isolated Gated Drive**

A firewall between solar power & the inverter's brain — no surge can damage it




**Double PV Voc Protection**

Two safety shields against voltage spikes — if one misses, the second catches it




### Total Cost of Ownership

A Lifetime of Value



**3 Saving Modes (Intelligent / Hybrid / Solar)**

Pick your mode — the inverter always finds the cheapest way to power your home



**Smart Grid & Solar Selection**

Auto-switches between solar and grid silently — like a 24/7 energy manager, for free

## Technical Specification

### MPPT Solar Inverter

Parameter	Specification
Model	Solar Access 1010
Input Voltage (WIDE MODE)	90V-290V $\pm$ 10V
Input Voltage (NARROW MODE)	170V-270V $\pm$ 10V
Output Voltage on Mains Mode	Same as Input
Output Voltage on Backup Mode	220V +10%, -15%
Output Frequency in Backup Mode	50Hz $\pm$ 0.1Hz
Switching from Mains to Backup	Automatic
Output Waveform on Mains Mode	Same as Input
Output Waveform on Backup Mode	Pure Sine Wave
Battery Charging Current	Constant Charging approx. 10% of the rated battery current in Ah
Charger	CC - CV
PCU Overload / PCU Short Circuit	110% / 150%
PCU Transfer Time	$\leq$ 15 msec
Technology	DSPIC Based Design
Auto Reset Feature	Yes
Operating Temperature	0°C - 45°C
Voc Range	15V - 52V
Max. PV Power	1000W
Solar Current Max.	60A $\pm$ 3A
Type of Charger	MPPT with Isolated Gate Drive

### Battery Specification

Product Model	EM LIB 160
Battery Type	LiFePO4
Nominal Voltage	12.8Vdc
Rated Capacity	100Ah
Nominal Energy	1.28kWh
Working Humidity	<90%RH
Working Altitude	$\leq$ 4000m
IP Rating	IP20

**Note:** As part of regular product updates, specifications may be revised without prior notification.



### Round-the-Clock Service

At Eastman, great products deserve equally great service. Through Eastman Assure, we've built a customer-first ecosystem that ensures quick resolutions, proactive support, and peace of mind — every step of the way.



#### AI-Powered Voice Bot

- Get instant support anytime without waiting or follow-ups.
- Raise requests and check warranty or complaint status in seconds.

 **78884 78885**



#### 24x7 Call Centre

- Expert help is always available, day or night.
- Quick, reliable support for installation, service, and troubleshooting.

 **1800-419-8610**



#### Online Complaint Management

- Track your complaint in real time with complete visibility.
- Stay informed at every step until your issue is resolved.



#### Eastman Assure Portal

- One place for all your service needs, simple and convenient.
- Manage warranty, complaints, and service history with ease.



## We are 24x7 Available!

**+91 78728 78728**  
WhatsApp

**1800 419 8610**  
Toll Free Number

**www.eastmanassure.com**  
Service Portal



☎ 1800 419 8610 | ☎ +91 78884 78885



## Eastman Auto & Power Ltd.

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