EAPL/OFFGRIDINVERTER/2026/V1

Eastman Solar

#TheWiseChoice

Solar Off Grid Inverters

(12V, 24V, 48V & Above)



Solar Off Grid Inverter

(12V, 24V, 48V & Above)



Why Choose Eastman Solar Off-Grid Inverter?

You Get Every Watt You Pay For: No hidden de-rating. Every VA of rated capacity delivers real wattage — your appliances run at full strength, always.

Zero Interruption, Even During Power Cuts: In-a-wink changeover means your lights, fans, and Wi-Fi never flicker — not even for a split second.

Charges Faster, Backs Up Longer: Accepts up to 1.3x rated solar input — charges your battery faster and stores more energy when the sun is shining.

Not a Single Unit of Solar is Wasted: MPPT with Perturb & Observe technology constantly optimises panel output — every bit of free sunlight turns into electricity.

Superior Efficiency: 99.9% tracking + 95.4% peak efficiency — you save more, recover your investment sooner, even on cloudy days.

Powered By: IntelliTrack

Designed for off-grid solar inverters, this system uses MPPT with Perturb & Observe to track and maintain maximum power output. It continuously adjusts voltage to ensure optimal energy delivery to the load or battery.

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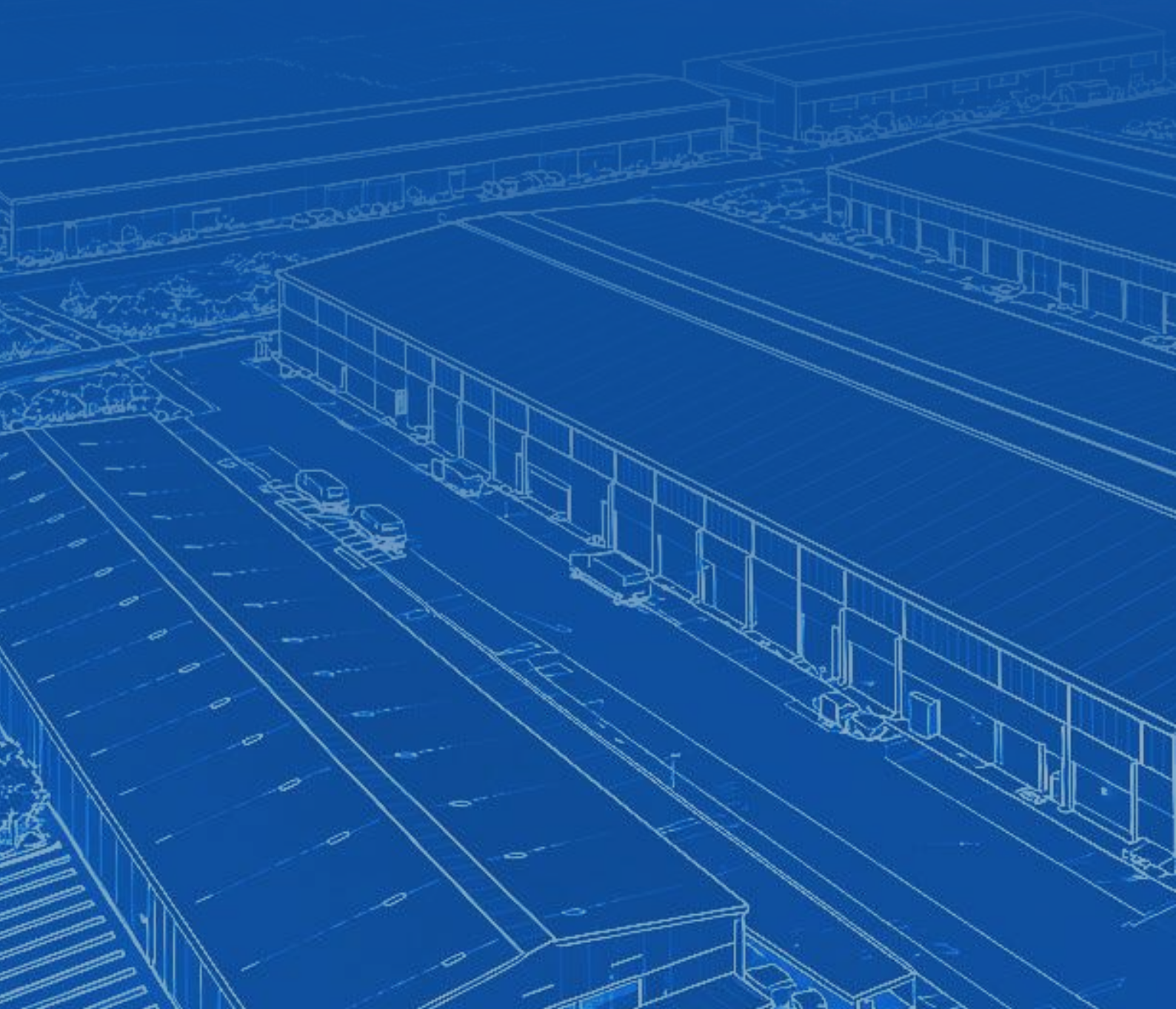
Forever Forward.

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.



₹ 5,758 Cr.*
FY25-26 Turnover

CAGR 31%
Last 4 Fiscal Years

Over **4100+**
Employees

1900+
Distributors



*Unaudited Results

Solar Smart PWM Technology (Solar PCU)





5 YEARS* WARRANTY

Range:

Solar Smart - 500VA to 2500VA

*T&C Apply

Product Overview

Solar Smart - PWM Technology

Eastman off-grid Solar Power Conditioning Unit (PCU - Solar Smart) that uses PWM (Pulse Width Modulation) charging technology to manage solar panel input and battery charging. Available in multiple capacities start from 500VA to 2500VA, it suits a range of applications — from small homes to medium commercial setups.

PWM technology regulates the voltage and current flowing into the battery, ensuring safe and efficient charging. The 60-months (5-years) warranty reflects Eastman's confidence in product durability and gives buyers long-term peace of mind. It's a reliable, entry-level solar inverter solution for areas with moderate power cut hours.



Reliability
Life. Uninterrupted.

Peak Load Peak Output (PLPO)

Your fridge, motor, and pump start up smoothly every time — no tripping, no restarting, no worry.

In-a-wink Changeover — Static Changeover Technology (Optional)

Switchover happens so fast that your lights, fans and Wi-Fi never flicker — not even for a split second.

Total Cost of Ownership
A Lifetime of Value

VA = Watt — Full Rated Power Delivered

Every watt you pay for is every watt you get — your appliances run at full strength, not at reduced power.

Zero Drop PWM Solar Charger Topology

Pushes the maximum solar energy into your battery every day — with almost zero waste

Maximum Solar Power Input — Up to 1.3X Rated Capacity

Takes in 30% more power from solar panels — It charges the battery faster and provides backup when you need it most.

Technical Specification

SPECIFICATION	SOLAR SMART 925-12V	SOLAR SMART 1250-12V
Capacity (VA)	500VA	850VA
Maximum Bulb Load (W)	500W	850W
Battery Voltage	12V	
Product Warranty	60 Months*	
Voc Range	17V-30V	
Input Voltage (Wide Mode)	90V-300V	
Input Range (Narrow Mode)	170V-270V	
Output Voltage on Mains Mode	Same as Input	
Output Voltage on Backup Mode	230V +10%, -15%	
Output Frequency on Backup Mode	50Hz ± 0.1Hz	
Switching from Mains to Backup and from Backup to Mains	Automatic	
Output Waveform on Mains Mode	Same as Input	
Output Waveform on Backup Mode	Sine Wave	
Battery Charging Current	15A	18A
Charger	CCCV	
PCU Overload/PCU Short Circuit	110%/300%	
Technology	dsPIC Based Design	
Auto Reset Feature	Yes	
Operating Temperature	0-45°C	
Max PV Power	650W	1105W
Solar Current MAX.	30A±6A	50A±6A

*T&C Apply

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

Technical Specification

SPECIFICATION	SOLAR SMART 1400-12V	SOLAR SMART 1800-12V
Capacity (VA)	1000VA	1400VA
Maximum Bulb Load (W)	1000W	1400W
Battery Voltage	12V	
Product Warranty	60 Months*	
Voc Range	17V-30V	
Input Voltage (Wide Mode)	90V-300V	
Input Range (Narrow Mode)	170V-270V	
Output Voltage on Mains Mode	Same as Input	
Output Voltage on Backup Mode	230V +10%, -15%	
Output Frequency on Backup Mode	50Hz ± 0.1Hz	
Switching from Mains to Backup and from Backup to Mains	Automatic	
Output Waveform on Mains Mode	Same as Input	
Output Waveform on Backup Mode	Sine Wave	
Battery Charging Current	20A	
Charger	CCCV	
PCU Overload/PCU Short Circuit	110%/300%	
Technology	dsPIC Based Design	
Auto Reset Feature	Yes	
Operating Temperature	0-45°C	
Max PV Power	1300W	1820W
Solar Current MAX.	50A±6A	50A±6A

Technical Specification

SPECIFICATION	SOLAR SMART 3100-24V	SOLAR SMART 3725-24V
Capacity (VA)	2000VA	2500VA
Maximum Bulb Load (W)	2000W	2500W
Battery Voltage	24V	
Product Warranty	60 Months*	
Voc Range	34V-60V	
Input Voltage (Wide Mode)	120V-300V	
Input Range (Narrow Mode)	170V-270V	
Output Voltage on Mains Mode	Same as Input	
Output Voltage on Backup Mode	230V +10%, -15%	
Output Frequency on Backup Mode	50Hz ± 0.1Hz	
Switching from Mains to Backup and from Backup to Mains	Automatic	
Output Waveform on Mains Mode	Same as Input	
Output Waveform on Backup Mode	Sine Wave	
Battery Charging Current	20A	
Charger	CCCV	
PCU Overload/PCU Short Circuit	110%/300%	
Technology	dsPIC Based Design	
Auto Reset Feature	Yes	
Operating Temperature	0-45°C	
Max PV Power	2600W	3250W
Solar Current MAX.	50A±6A	75A±6A

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

*T&C Apply

Solar Smart Max
MPPT Technology (Solar PCU)



5 YEARS* WARRANTY

Range:
Solar Smart Max - 500VA to 10000VA

Powered By: IntelliTrack

Designed for off-grid solar inverters, this system uses MPPT with Perturb & Observe to track and maintain maximum power output. It continuously adjusts voltage to ensure optimal energy delivery to the load or battery.

*T&C Apply

Product Overview

Solar Smart Max - MPPT Technology

Powered By: IntelliTrack

Eastman off-grid Solar Power Conditioning Unit (PCU - Solar Smart Max) that uses MPPT (Maximum Power Point Tracking) technology — the most advanced method of extracting maximum energy from solar panels at any given moment.

MPPT continuously optimises the solar panel output, delivering significantly more efficiency than PWM — especially on cloudy days or during morning and evening hours. The 60-months (5-years) warranty ensures long-term reliability and reflects Eastman's commitment to quality and customer confidence.



Reliability
Life. Uninterrupted.

Peak Load Peak Output (PLPO)

Your fridge, motor, and pump start up smoothly every time — no tripping, no restarting, no worry.

User-Friendly LCM Display — Minimal Selectable Switches

One screen shows battery, solar, load and faults Status — No Complicated settings, simple buttons & zero confusion.

In-a-wink Changeover — Static Changeover Technology (Optional)

Switchover happens so fast that your lights, fans and Wi-Fi never flicker — not even for a split second.

Total Cost of Ownership
A Lifetime of Value

VA = Watt — Full Rated Power Delivered

Every watt you pay for is every watt you get — your appliances run at full strength, not at reduced power.

Maximum Solar Power Input — Up to 1.3X Rated Capacity

Takes in 30% more power from solar panels — It charges the battery faster and provides backup when you need it most.

Maximum Power Point Tracker (MPPT - Buck based) Solar Charger Topology with Perturb & Observe Topology

Solar panels always produce at their absolute best — so every bit of free sunlight turns into electricity, nothing is ever wasted.

Technical Specification

SPECIFICATION	SOLAR SMART MAX 900-12V	SOLAR SMART MAX 1400-12V
Capacity (VA)	500VA	1000VA
Maximum Bulb Load (W)	500W	1000W
Battery Voltage	12V	
Product Warranty	60 Months*	
Voc Range	17V-60V	
Input Voltage (Wide Mode)	90V-300V	
Input Range (Narrow Mode)	170V-270V	
Output Voltage on Mains Mode	Same as Input	
Output Voltage on Backup Mode	230V +10%, -15%	
Output Frequency on Backup Mode	50Hz ± 0.1Hz	
Switching from Mains to Backup and from Backup to Mains	Automatic	
Output Waveform on Mains Mode	Same as Input	
Output Waveform on Backup Mode	Sine Wave	
Battery Charging Current	15A	20A
Charger	CCCV	
PCU Overload/PCU Short Circuit	110%/300%	
Technology	dsPIC Based Design	
Auto Reset Feature	Yes	
Operating Temperature	0-45°C	
Max PV Power	650W	1300W
Solar Current MAX.	32A±6A	66A±6A

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

*T&C Apply

Technical Specification

SPECIFICATION	SOLAR SMART MAX 2600-24V	SOLAR SMART MAX 3100-24V	SOLAR SMART MAX 3600-24V
Capacity (VA)	1500VA	2000VA	2500VA
Maximum Bulb Load (W)	1500W	2000W	2500W
Battery Voltage	24V		
Product Warranty	60 Months*		
Voc Range	30V-105V		
Input Voltage (Wide Mode)	90V-300V		120V-300V
Input Range (Narrow Mode)	170V-270V		
Output Voltage on Mains Mode	Same as Input		
Output Voltage on Backup Mode	230V +10%, -15%		
Output Frequency on Backup Mode	50Hz ± 0.1Hz		
Switching from Mains to Backup and from Backup to Mains	Automatic		
Output Waveform on Mains Mode	Same as Input		
Output Waveform on Backup Mode	Sine Wave		
Battery Charging Current	20A		
Charger	CCCV		
PCU Overload/PCU Short Circuit	110%/300%		
Technology	dsPIC Based Design		
Auto Reset Feature	Yes		
Operating Temperature	0-45°C		
Max PV Power	1950W	2600W	3540W
Solar Current MAX.	50A±6A	66A±6A	72A±6A

Technical Specification

SPECIFICATION	SOLAR SMART MAX 4100-48V	SOLAR SMART MAX 6100-48V	SOLAR SMART MAX 6600-96V	SOLAR SMART MAX 11100-120V
Capacity (VA)	3000VA	5000VA	5500VA	10000VA
Maximum Bulb Load (W)	3000W	5000W	5500W	10000W
Battery Voltage	48V	48V	96V	120V
Product Warranty	60 Months*			
Voc Range	75V-160V		200V-500V	
Input Voltage (Wide Mode)	120V-300V			
Input Range (Narrow Mode)	170V-270V			
Output Voltage on Mains Mode	Same as Input			
Output Voltage on Backup Mode	230V +10%, -15%			
Output Frequency on Backup Mode	50Hz ± 0.1Hz			
Switching from Mains to Backup and from Backup to Mains	Automatic			
Output Waveform on Mains Mode	Same as Input			
Output Waveform on Backup Mode	Sine Wave			
Battery Charging Current	20A			
Charger	CCCV			
PCU Overload/PCU Short Circuit	110%/300%			
Technology	dsPIC Based Design			
Auto Reset Feature	Yes			
Operating Temperature	0-45°C			
Max PV Power	3900W	6500W	7150W	12000W
Solar Current MAX.	40A±6A	66A±6A	30A±6A	55A±6A

*T&C Apply

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

Solar Prime
PWM Technology (Solar PCU)



3 YEARS* WARRANTY

Range:
Solar Prime - 850VA to 3000VA

*T&C Apply

Product Overview

Solar Prime - PWM Technology

Eastman off-grid Solar Power Conditioning Unit (PCU - Solar Prime) that uses PWM (Pulse Width Modulation) charging technology to manage solar panel input and battery charging efficiently.

PWM technology regulates the voltage and current flowing into the battery, ensuring safe, stable, and consistent charging through the day. The 36-months (3-years) warranty provides reliable after-sales assurance and reflects Eastman's commitment to delivering durable, dependable solar energy solutions for everyday use.



Reliability
Life. Uninterrupted.

Peak Load Peak Output (PLPO)

Your fridge, motor, and pump start up smoothly every time — no tripping, no restarting, no worry.

In-a-wink Changeover — Static Changeover Technology (Optional)

Switchover happens so fast that your lights, fans and Wi-Fi never flicker — not even for a split second.

Total Cost of Ownership
A Lifetime of Value

Zero Drop PWM Solar Charger Topology

Pushes the maximum solar energy into your battery every day — with almost zero waste

Maximum Solar Power Input — Up to 1.3X Rated Capacity

Takes in 30% more power from solar panels — It charges the battery faster and provides backup when you need it most.

Technical Specification

SPECIFICATION	SOLAR PRIME 1050-12V	SOLAR PRIME 1500-12V
Capacity (VA)	850VA	1050VA
Maximum Bulb Load (W)	680W	840W
Battery Voltage	12V	
Product Warranty	36 Months*	
Voc Range	17V-30V	
Input Voltage (Wide Mode)	90V-300V	
Input Range (Narrow Mode)	170V-270V	
Output Voltage on Mains Mode	Same as Input	
Output Voltage on Backup Mode	230V +10%, -15%	
Output Frequency on Backup Mode	50Hz ± 0.1Hz	
Switching from Mains to Backup and from Backup to Mains	Automatic	
Output Waveform on Mains Mode	Same as Input	
Output Waveform on Backup Mode	Sine Wave	
Battery Charging Current	15A / 20A	
Charger	CCCV	
PCU Overload/PCU Short Circuit	110%/300%	
Technology	dsPIC Based Design	
Auto Reset Feature	Yes	
Operating Temperature	0-45°C	
Max PV Power	880W	1100W
Solar Current MAX.	45A±6A	50A±6A

*T&C Apply

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

Technical Specification

SPECIFICATION	SOLAR PRIME 2000-24V	SOLAR PRIME 3000-24V
Capacity (VA)	1500VA	2250VA
Maximum Bulb Load (W)	1200W	1800W
Battery Voltage	24V	
Product Warranty	36 Months*	
Voc Range	34V-60V	
Input Voltage (Wide Mode)	90V-300V	
Input Range (Narrow Mode)	170V-270V	
Output Voltage on Mains Mode	Same as Input	
Output Voltage on Backup Mode	230V +10%, -15%	
Output Frequency on Backup Mode	50Hz ± 0.1Hz	
Switching from Mains to Backup and from Backup to Mains	Automatic	
Output Waveform on Mains Mode	Same as Input	
Output Waveform on Backup Mode	Sine Wave	
Battery Charging Current	20A	
Charger	CCCV	
PCU Overload/PCU Short Circuit	110%/300%	
Technology	dsPIC Based Design	
Auto Reset Feature	Yes	
Operating Temperature	0-45°C	
Max PV Power	1500W	2100W
Solar Current MAX.	50A±6A	50A±6A

Technical Specification

SPECIFICATION	SOLAR PRIME 3550-24V
Capacity (VA)	3000VA
Maximum Bulb Load (W)	2400W
Battery Voltage	24V
Product Warranty	36 Months*
Voc Range	34V-60V
Input Voltage (Wide Mode)	120V-300V
Input Range (Narrow Mode)	170V-270V
Output Voltage on Mains Mode	Same as Input
Output Voltage on Backup Mode	230V +10%, -15%
Output Frequency on Backup Mode	50Hz ± 0.1Hz
Switching from Mains to Backup and from Backup to Mains	Automatic
Output Waveform on Mains Mode	Same as Input
Output Waveform on Backup Mode	Sine Wave
Battery Charging Current	20A
Charger	CCCV
PCU Overload/PCU Short Circuit	110%/300%
Technology	dsPIC Based Design
Auto Reset Feature	Yes
Operating Temperature	0-45°C
Max PV Power	3200W
Solar Current MAX.	75A±6A

*T&C Apply

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

Solar Prime Max MPPT Technology (Solar PCU)



3 YEARS* WARRANTY

Range:
Solar Prime Max - 1000VA to 10000VA

Powered By: IntelliTrack

Designed for off-grid solar inverters, this system uses MPPT with Perturb & Observe to track and maintain maximum power output. It continuously adjusts voltage to ensure optimal energy delivery to the load or battery.

*T&C Apply

Product Overview

Solar Prime Max - MPPT Technology

Powered By: IntelliTrack

Eastman off-grid Solar Power Conditioning Unit (PCU - Solar Prime Max) that uses MPPT (Maximum Power Point Tracking) technology - the most advanced method of extracting maximum energy from solar panels at any given moment.

MPPT continuously optimises solar panel output, delivering significantly more efficiency than PWM — especially on cloudy days or during early morning and late evening hours. The 36-months (3-years) warranty provides reliable after-sales assurance and reflects Eastman's commitment to delivering durable, dependable solar energy solutions.



Reliability
Life. Uninterrupted.

User-Friendly LCM Display — Minimal Selectable Switches

One screen shows battery, solar, load and faults Status — No Complicated settings, simple buttons & zero confusion.

Peak Load Peak Output (PLPO)

Your fridge, motor, and pump start up smoothly every time — no tripping, no restarting, no worry.

In-a-wink Changeover — Static Changeover Technology (Optional)

Switchover happens so fast that your lights, fans and Wi-Fi never flicker — not even for a split second.

Total Cost of Ownership
A Lifetime of Value

Maximum Solar Power Input — Up to 1.3X Rated Capacity

Takes in 30% more power from solar panels — It charges the battery faster and provides backup when you need it most.

Maximum Power Point Tracker (MPPT - Buck based) Solar Charger Topology with Perturb & Observe Topology

Solar panels always produce at their absolute best — so every bit of free sunlight turns into electricity, nothing is ever wasted.

Fuzzy Logic Based Technology - Intelligent Adaptive Charging

Charges based on the battery's actual condition, not a fixed schedule — extends battery life.

Technical Specification

SPECIFICATION	SOLAR PRIME MAX 1050-12V
Capacity (VA)	1000VA
Maximum Bulb Load (W)	800W
Battery Voltage	12V
Product Warranty	36 Months*
Voc Range	15V-52V
Input Voltage (Wide Mode)	90V-300V
Input Range (Narrow Mode)	170V-270V
Output Voltage on Mains Mode	Same as Input
Output Voltage on Backup Mode	230V +10%, -15%
Output Frequency on Backup Mode	50Hz ± 0.1Hz
Switching from Mains to Backup and from Backup to Mains	Automatic
Output Waveform on Mains Mode	Same as Input
Output Waveform on Backup Mode	Sine Wave
Battery Charging Current	15A
Charger	CCCV
PCU Overload/PCU Short Circuit	110%/300%
Technology	dsPIC Based Design
Auto Reset Feature	Yes
Operating Temperature	0-45°C
Max PV Power	1180W
Solar Current MAX.	60A±6A

*T&C Apply

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

Technical Specification

SPECIFICATION	SOLAR PRIME MAX 2000-24V	SOLAR PRIME MAX 3000-24V	SOLAR PRIME MAX 3600-24V
Capacity (VA)	1500VA	2000VA	3000VA
Maximum Bulb Load (W)	1200W	1600W	2400W
Battery Voltage	24V		
Product Warranty	36 Months*		
Voc Range	30V-110V		
Input Voltage (Wide Mode)	90V-300V		
Input Range (Narrow Mode)	170V-270V		
Output Voltage on Mains Mode	Same as Input		
Output Voltage on Backup Mode	230V +10%, -15%		
Output Frequency on Backup Mode	50Hz ± 0.1Hz		
Switching from Mains to Backup and from Backup to Mains	Automatic		
Output Waveform on Mains Mode	Same as Input		
Output Waveform on Backup Mode	Sine Wave		
Battery Charging Current	20A		
Charger	CCCV		
PCU Overload/PCU Short Circuit	110%/300%		
Technology	dsPIC Based Design		
Auto Reset Feature	Yes		
Operating Temperature	0-45°C		
Max PV Power	1770W	2360W	3540W
Solar Current MAX.	50A±6A	60A±6A	100A±6A

Technical Specification

SPECIFICATION	SOLAR PRIME MAX 4000-48V	SOLAR PRIME MAX 6000-48V	SOLAR PRIME MAX 8000-96V	SOLAR PRIME MAX 11000-120V
Capacity (VA)	3750VA	5000VA	7500VA	10000VA
Maximum Bulb Load (W)	3000W	4000W	6000W	8000W
Battery Voltage	48V		96V	120V
Product Warranty	36 Months*			
Voc Range	75V-185V		200V-500V	
Input Voltage (Wide Mode)	120V-300V			
Input Range (Narrow Mode)	170V-270V			
Output Voltage on Mains Mode	Same as Input			
Output Voltage on Backup Mode	230V +10%, -15%			
Output Frequency on Backup Mode	50Hz ± 0.1Hz			
Switching from Mains to Backup and from Backup to Mains	Automatic			
Output Waveform on Mains Mode	Same as Input			
Output Waveform on Backup Mode	Sine Wave			
Battery Charging Current	20A			
Charger	CCCV			
PCU Overload/PCU Short Circuit	110%/300%			
Technology	dsPIC Based Design			
Auto Reset Feature	Yes			
Operating Temperature	0-45°C			
Max PV Power	4400W	5500W	8800W	11800W
Solar Current MAX.	40A±6A	66A±6A	40A±6A	50A±6A

*T&C Apply

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

Solar Turbo Max
MPPT Technology (Solar PCU)



3 YEARS* WARRANTY

Range:
Solar TurboMax - 900VA & 1100VA

Powered By: IntelliTrack

Designed for off-grid solar inverters, this system uses MPPT with Perturb & Observe to track and maintain maximum power output. It continuously adjusts voltage to ensure optimal energy delivery to the load or battery.

*T&C Apply

Product Overview

Solar Turbo Max - MPPT Technology

Powered By: IntelliTrack

Eastman Off-Grid Solar Power Conditioning Unit (PCU – Solar Turbo Max) features advanced MPPT (Maximum Power Point Tracking) technology, extracting maximum energy from solar panels at any given moment.

MPPT continuously optimises solar panel output, delivering significantly higher efficiency than PWM, especially on cloudy days and during early mornings and late evenings.

The 36-month (3-year) warranty provides reliable after-sales assurance and reflects Eastman's commitment to delivering durable and dependable solar energy solutions.



Reliability
Life. Uninterrupted.

User-Friendly LCM Display — Minimal Selectable Switches

One screen shows battery, solar, load and faults Status — No Complicated settings, simple buttons & zero confusion.

Peak Load Peak Output (PLPO)

Your fridge, motor, and pump start up smoothly every time — no tripping, no restarting, no worry.

In-a-wink Changeover — Static Changeover Technology (Optional)

Switchover happens so fast that your lights, fans and Wi-Fi never flicker — not even for a split second.

Total Cost of Ownership
A Lifetime of Value

Maximum Solar Power Input — Up to 1.3X Rated Capacity

Takes in 30% more power from solar panels — It charges the battery faster and provides backup when you need it most.

Maximum Power Point Tracker (MPPT - Buck based) Solar Charger Topology with Perturb & Observe Topology

Solar panels always produce at their absolute best — so every bit of free sunlight turns into electricity, nothing is ever wasted.

Fuzzy Logic Based Technology - Intelligent Adaptive Charging

Charges based on the battery's actual condition, not a fixed schedule — extends battery life.

Technical Specification

SPECIFICATION	SOLAR TURBOMAX 1175-12V	SOLAR TURBOMAX 1475-12V
Capacity (VA)	900VA	1100VA
Maximum Bulb Load (W)	720W	880W
Battery Voltage	12V	12V
Product Warranty	36 Months*	36 Months*
Voc Range	15V-60V	15V-60V
Input Voltage (Wide Mode)	90V-300V	90V-300V
Input Range (Narrow Mode)	170V-270V	170V-270V
Output Voltage on Mains Mode	Same as Input	Same as Input
Output Voltage on Backup Mode	235V +10%, -15%	235V +10%, -15%
Output Frequency on Backup Mode	50Hz ± 0.1Hz	50Hz ± 0.1Hz
Switching from Mains to Backup and from Backup to Mains	Automatic	Automatic
Output Waveform on Mains Mode	Same as Input	Same as Input
Output Waveform on Backup Mode	TPZi Wave	TPZi Wave
Battery Charging Current	15A	15A
Charger	CCCV	CCCV
PCU Overload/PCU Short Circuit	110%/300%	110%/300%
Technology	dsPIC Based Design	dsPIC Based Design
Auto Reset Feature	Yes	Yes
Operating Temperature	0-45°C	0-45°C
Max PV Power	640W	640W
Max PV input Current	18A	18A
Solar Current MAX.	20±4	20±4

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

*T&C Apply

Eastman Assure Promise

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	1800 419 8610	www.eastmanassure.com
WhatsApp	Toll Free Number	Service Portal

Residential Solar with Storage



Making Rooftops Profitable

Eastman
Solar

1800 419 8610 | +91 78884 78885

Eastman Assure

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