



# Eastman Solar ProMax Series: Powering Your World with Smarter Solar Energy.

At Eastman, we believe that energy should be smart, efficient, and hassle-free. That's exactly what the Eastman Solar ProMax Series delivers! Designed with cutting-edge MPPT Technology, it ensures that every ray of sunlight is converted into usable power, helping you get the most out of your solar investment.





## Available Power Range:

**500VA - 10KVA** - A perfect fit for homes, businesses, and industries.

### Efficiency That Speaks for Itself:

More than 98% efficiency - So you generate more power with less wastage!

## Solar ProMax Series: Smarter Technology for Smoother Performance

- High-End DSPIC Processor - Think of this as the brain behind the system, ensuring smooth and optimized performance.
- Next-Gen PWM Technology - Uses MOSFET and IGBT-based DSPIC to operate at lightning speed.
- Pure Sine Wave Output - Thanks to ACEC Technology, you get clean and stable power, just like the mains supply.

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## Your Battery's Best Friend

- Intelligent Multistage Battery Charging - Maintains an input power factor of  $>0.90$ , helping you save on electricity bills.
- Control Battery Temperature (CBT) Innovation - Prevents



- overheating, keeping your battery safe and long-lasting.
- Supports All Battery Types – Whether it's Tubular, Lithium, or Flat batteries, we've got you covered.
- Revive Weaker Batteries – With smart Solar & Grid revival technology, your battery gets a second life!

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## Worry-Free Protection for a Seamless Experience

- No more headaches with wiring faults, overloads & short circuits, We've got built-in safeguards.
- ASC (Assessing System Configuration) Software – Constantly monitors system health for trouble-free operation.

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## Designed for Your Everyday Needs

- Super Quiet Operation – No buzzing or humming – just pure performance.
- Narrow Mode for Sensitive Electronics – Ideal for computers, music studios, and medical equipment where stable power is required.
- Easy-to-Read LCD Display – Get real-time updates on system performance.
- Works with Generators – Compatible with your backup generator for extended power security.





- Ultra-Fast MPPT Charge Controller – Tracks solar energy with 98% efficiency, making sure not a single watt goes to waste! Handles Heavy-Duty Loads with Ease
- PLPO (Peak Load Peak Output) Technology – Supports high-power appliances effortlessly.
- Fast Static Changeover – Switches in just 10ms, making sure you never experience a power flicker.
- Safe for ACs & Freezers – Features TDR (Time Delay Relay) for smooth compressor-based appliance operation.
- Mains-Like Power Quality – Maintains a stable 3:1 crest factor, just like the power from your electricity provider.

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## Flexible Modes for Maximum Savings

1. Solar Mode – Uses only solar power, reducing your electricity bills.
2. Intelligent Mode – Smartly balances solar and grid power for efficiency.
3. Hybrid Mode – A mix of solar, battery, and grid power for seamless performance.

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## Tested, Trusted & Built for Performance

- Chroma Simulator Tested – Rigorously quality-checked to ensure you get the best.
- Real-Time Power Generation Tracking – Know exactly how much energy you're producing and saving.





## Why Choose Eastman Solar ProMax?

We know solar power isn't just about technology – it's about your comfort, savings, and peace of mind. That's why we've designed Eastman Solar ProMax to be powerful, efficient, and completely worry-free. Whether you're looking for a smart home solution or a robust commercial setup, this inverter is built to deliver.

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