



The **WISE** Choice

## EASTMAN WORLD

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



## SINO WAVE HOME INVERTERS

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12V / 24V / 48V

# SINO WAVE HOME INVERTER 12V/24V

Our Sine Wave Home Inverter offers an optimal solution to maintain Uninterrupted Power Supply for your home. Engineered to deliver pristine and consistent power, it guarantees the flawless operation of all your electronics, safeguarding sensitive devices and vital appliances.



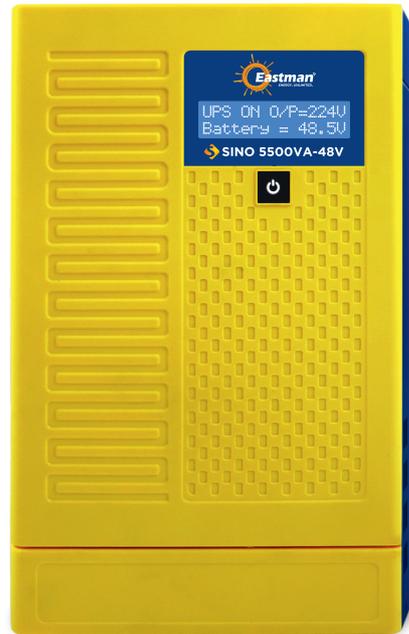
## Product Features

- Unity power factor VA=WATT (\*Bulb load)
- Peak load peak output (PLPO)
- Start & Run compressor load/motor load as per rating
- Full load output voltage highest among its peers @ nominal battery voltage
- Zero Volt pick up
- Start & Run SMPS load (LED Lights) as per rating

Product Specifications	900VA-12V	1050VA-12V	1200VA-12V	1800VA-24V	2200VA-24V
Mains AC Input Range (WIDE MODE)	90V-300V ± 10VAC				
Mains AC Input Range (NARROW MODE)	180V-260V ± 10VAC				
Output Voltage on Mains Mode	Same as input				
Output Voltage on UPS Mode	210V+10%, -15%				
Output Frequency in UPS Mode	50Hz ± 0.1Hz				
Switching from mains to UPS and UPS to Mains Mode	Automatic				
Output Waveform on Mains Mode	Same as input				
Output Waveform on UPS Mode	Pure Sine Wave				
Battery Charging Current	Constant Charging approx 10% of the rated battery current in Ah				
Charger	CCCV				
UPS Overload/UPS Short Circuit	110% / 300%				
UPS Transfer Time	<=15msec				
Technology	Micro Controller Based Design				
Auto Reset Feature	Yes				
Operating Temperature	-10°C to +45°C				
Display	Advanced LCM				LCD

# SINO WAVE HOME INVERTER 24V/48V

Our Sine Wave Home Inverter is the perfect solution to ensure your home stays powered up efficiently and seamlessly. Designed to provide clean and stable power, it ensures the smooth functioning of all your devices, from sensitive electronics to essential appliances.



## Product Features

- Unity power factor VA=WATT (\*Bulb load)
- Peak load peak output (PLPO)
- Start & Run compressor load/motor load as per rating
- Multistage Software & Hardware Protection
- Full load output voltage highest among its peers @ nominal battery voltage
- Start & Run SMPS load (LED Lights) as per rating
- Static Changeover

Product Specifications	2500VA-24V	4000VA-48V	5500VA-48V
Input Voltage (WIDE MODE)	120V-275V ± 10VAC		
Input Voltage (NARROW MODE)	180V-260V ± 10VAC		
Mains Mode Input Frequency	Same as mains		
Output Voltage On Mains Mode	Same as input voltage		
Output Voltage On Backup Mode	220V ± 15%		
Output Frequency On Backup Mode	50Hz ± 0.2Hz		
Output Waveform On UPS Mode	Pure Sine Wave		
Switching From Mains To Backup And From Backup To Mains	Automatic		
Battery Charging Current	Constant Charging approx 10% of the rated battery current in Ah		
Charger Topology	Boost Based PWM Control Multi-Stage Technology with GPM		
Overload / Short Circuit	110% / 300%		
Ups Transfer Time	<=15msec		
Operating Temperature	-10°C to +45°C		
Technology	Micro Controller Based Design		
Auto Reset Feature	Yes		
Mains Bypass	Bypass Switch		
Display	Jumbo LCD		



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