



Continued Energy Solutions

Product Catalogue



Next-Gen **POWERHOUSE COMBO**

Built for *Today*, Ready for *Tomorrow*



Fast
Charging



Higher
Backup



Longer
Battery
Life



Best In
Class
Warranty



No Water
Top-up
Required



No Acid,
No Fumes

LITHIUM BATTERY + HOME UPS

Lithium Battery

EM LFP 160

EM LFP 240

Home UPS

850VA-12V | 1200VA-12V | 1500VA-12V | 2000VA-24V

*Warranty Void if not installed as Combo

*Terms & Conditions Apply

LITHTEC COMBO

Lead Acid Replacement Lithium Battery

Engineered for superior performance, the Eastman Lead Acid Replacement Lithium Battery offers a smarter, longer-lasting alternative to traditional batteries. As a part of the advanced LithTec Combo, it delivers higher energy efficiency, faster charging, and extended life cycles — all with a lightweight, maintenance-free design. Ideal for residential and commercial applications, it ensures seamless compatibility while providing greater reliability and sustainability.



Battery Management System



Cell Balancing



Thermal Protections



Water Resistance



Product Specifications	EM LFP 160	EM LFP 240
Battery Rating	12.8V-100AH	12.8V-150AH
Battery operating Voltage (V)	10~14.6	10~14.6
Operating Temp Range	0°C~60°C	0°C~60°C
Recommended Charge Current (C)	0.5C	0.5C
Recommended Discharge Current (C)	0.5C	0.5C
Battery Weight (Kg)*	12*	14*
Warranty*	5 Years	5 Years
Battery Dimension (mm) 32 mm LxWxH	300*160*210	300*165*275
Certification	UN38.3 UN3480 MSDS CE IEC 62619 BIS	

LITHTEC COMBO

Home UPS

The Eastman Home UPS, a key component of the LithTec Combo, is designed to deliver uninterrupted, efficient, and reliable power for homes. Built with advanced technology, it ensures faster charging, optimal battery performance and seamless backup during power cuts. Compact, durable, and user-friendly, it perfectly complements the Eastman Lithium Battery for a complete energy solution.



Zero-cross transition



Superior starting current handling



Two step boost charging



Temperature guard inside



Rapid "in a wink changeover"



Lightning protector inside



Product Specifications

	12V				24V	
	850VA	1200VA	1500VA		2000VA	
Input Voltage (Wide Mode)	90V-300V \pm 10V					
Input Voltage (Narrow Mode)	180V-260V \pm 10V					
Output Voltage on Mains Mode	Same as input					
Output voltage on UPS Mode	210V-220V \pm 10%					
Output frequency on UPS Mode	50Hz \pm 0.1Hz					
Switching from mains to UPS and from UPS to Mains	Automatic					
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	\leq 15msec					
Technology	MICRO CONTROLLER BASED DESIGN					
Auto Reset Feature	Yes					
Operating Temperature	0°C - 45°C					

*T&C Apply

Home UPS



Sine Wave Inverter

Unity power factor enabled Home UPS with sine wave technology ranging from 900VA to 2200VA having 36 months* warranty on the product and 10 years warranty on transformer*.



Zero Drop PWM Charger Topology



Working Mode (Intelligent, Hybrid & Solar)



PV Reverse Protection



Auto Selection of grid Reconnect Battery Voltage



Isolated Gate Drive for Solar Charger



Double PV Voc protection



PRODUCT SPECIFICATIONS	SINO 12V/24V				
Parameter	900VA-12V	1050VA-12V	1200VA-12V	1800VA-24V	2200VA-24V
Mains AC Input Range (WIDE MODE)	90V - 300V \pm 10VAC				
Mains AC input Range (NARROW MODE)	180V - 260V \pm 10VAC				
Output Voltage on Mains Mode	Same as Input				
Output Voltage on UPS Mode	210V+10%, -15%				
Output Frequency in UPS mode	50Hz \pm 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	\leq 15msec				
Technology	Micro controller based design				
Auto reset feature	Yes				
Operating temperature	-10°C t +45°C				

Note : Because of a policy of continuous product improvement the specification are subject to change without notice.

*T&C Apply

Home UPS



Sine Wave Inverter

Unity power factor enabled Home UPS with sine wave technology ranging from 2500VA to 5500VA having 36 months* warranty on the product and 10 years warranty on transformer*.



Zero Drop PWM Charger Topology



Working Mode (Intelligent, Hybrid & Solar)



PV Reverse Protection



Auto Selection of grid Reconnect Battery Voltage



Isolated Gate Drive for Solar Charger



Double PV Voc protection



PRODUCT SPECIFICATIONS	HIGHER MODELS (SINO 24V/48V)			
Parameter	2500VA-24V	4000VA-48V	5000VA-48V	5500VA-48V
Input Voltage (Wide Mode)	120V-275V±10V			
Input Voltage (Narrow Mode)	180V-260V±10V			
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	<=15 msec			
Operating Temperature	- 10°C to + 45°C			
Auto Reset Feature	Yes			
Mains bypass	Bypass Switch			
Jumbo LCD	Yes			
Size of product (LxWxH)mm	437X260X381 MM	437X260X441 MM		

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Home UPS



Sine Wave Inverter

Unity power factor enabled Home UPS with sine wave technology ranging from 7500VA to 15000VA having 36 months* warranty on the product and 10 years warranty on transformer*.



Zero Drop PWM Charger Topology



Working Mode (Intelligent, Hybrid & Solar)



PV Reverse Protection



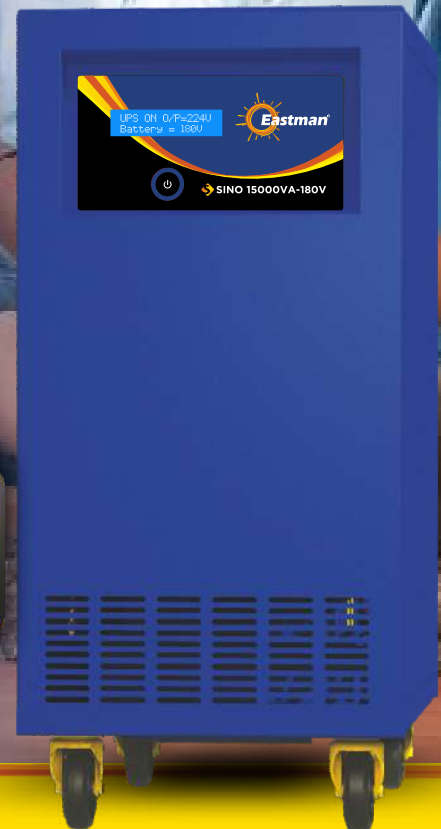
Auto Selection of grid Reconnect Battery Voltage



Isolated Gate Drive for Solar Charger



Double PV Voc protection



PRODUCT SPECIFICATIONS		HIGHER MODELS (SINO 24V/48V)		
Parameter		7500VA-96V	10000VA-120V	15000VA-180V
Input Voltage (Wide Mode)			120V-290V± 10V	
Input Voltage (Narrow Mode)			180V-265V± 10V	
Output Voltage on Mains Mode			Same as input	
Output voltage on Backup Mode			220V + 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			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%/150%	
UPS Transfer Time			<=15msec	
Technology			DSPIC BASED DESIGN	
Auto Reset Feature			Yes	
Operating Temperature			0°C to +45°C	

Note : Because of a policy of continuous product improvement the specification are subject to change without notice.

*T&C Apply

Home UPS

E ELECTRO

Square Wave
Inverter

Unity power factor enabled Home UPS with square wave technology ranging from 700VA to 2000VA having 36 months* warranty on the product and 10 years warranty on transformer*.



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Unity Power Factor
VA= WATT (*Bulb Load)



Peak Load Peak
Output (PLPO)



Start & Run Compressor
Load/Motor Load as Per Rating



Start & Run SMPS Load (Led
Lights) as Per Rating



Full Load Output voltage
Highest Among its Peers @
Nominal Battery Voltage



Zero Volt Pick up

Home UPS



Square Wave
Inverter

PRODUCT SPECIFICATIONS	ELECTRO 12V/24V					
Parameter	700VA-12V	900VA-12V	1100VA-12V	1400VA-12V	1800VA-24V	2000VA-24V
Mains AC Input Range (WIDE MODE)	90V - 300V \pm 10VAC					
Mains AC input Range (NARROW MODE)	180V - 260V \pm 10VAC					
Output Voltage on Mains Mode	Same as Input					
Output Voltage on UPS Mode	210V+10%, -15%					
Output Frequency in UPS mode	50Hz \pm 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	TPZi 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 t +45°C					

Note : Because of a policy of continuous product improvement the specification are subject to change without notice.

Home UPS

MEGA

Sine Wave
Inverter

Affordable Range of Home UPS
with sine wave technology
ranging from 700VA to 2000VA
having 36 months* warranty on
the product and 10 years
warranty on transformer*



*T&C Apply



Zero-cross
transition



Superior starting
current handling



Two step boost
charging



Temperature
guard inside



Rapid "in a wink"
changeover"



Lightning
protector inside

Home UPS



Sine Wave
Inverter

PRODUCT SPECIFICATIONS	OMEGA 12V/24V					
Parameter	700VA-12V	850VA-12V	1000VA-12V	1200VA-12V	1500VA-12V	2000VA-24V
Input Voltage (Wide Mode)	90V-300V \pm 10V					
Input Voltage (Narrow Mode)	180V-260V \pm 10V					
Output Voltage on Mains Mode	Same as input					
Output voltage on UPS Mode	210V +10%, -15%					
Output frequency on UPS Mode	50Hz \pm 0.1Hz					
Switching from mains to UPS and from UPS to Mains	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	\leq 15msec					
Technology	Micro controller based design					
Auto Reset Feature	Yes					
Operating Temperature	-10°C - 45°C					

Note : Because of a policy of continuous product improvement the specification are subject to change without notice.

Home UPS

SIGMA

Square Wave
Inverter

Affordable Range of Home UPS with Square wave technology ranging from 700VA to 2000VA having 36 months* warranty on the product and 10 years warranty on transformer*



*T&C Apply



Zero-cross
transition



Superior starting
current handling



Two step boost
charging



Temperature
guard inside



Rapid "in a wink
changeover"



Lightning
protector inside

Home UPS



Square Wave
Inverter

PRODUCT SPECIFICATIONS	SIGMA 12V/24V					
Parameter	700VA-12V	850VA-12V	1000VA-12V	1200VA-12V	1500VA-12V	2000VA-24V
Input Voltage (Wide Mode)	90V-300V \pm 10V					
Input Voltage (Narrow Mode)	180V-260V \pm 10V					
Output Voltage on Mains Mode	Same as input					
Output voltage on UPS Mode	210V - 220V \pm 10%					
Output frequency on UPS Mode	50Hz \pm 0.1Hz					
Switching from mains to UPS and from UPS to Mains	Automatic					
Output Waveform on Mains mode	Same as input					
Output Waveform on UPS mode	TPZi 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	\leq 15msec					
Technology	Micro controller based design					
Auto Reset Feature	Yes					
Operating Temperature	-10°C - 45°C					

Note : Because of a policy of continuous product improvement the specification are subject to change without notice.

Lead Acid Inverter Batteries

Premium Series

Inverter batteries with Capacity ranging from 235Ah to 400Ah and with warranty ranging from 10 years to 20 years.



Lowest electricity consumption in recharging



Easy recovery after idle period



Less fumes generation



Low water loss



Low cost of ownership



5% extra capacity & backup WRT rated capacity



S. No.	MODEL NO.	CAPACITY (AH) @C20	DIMENSION (LXWXH)	WARRANTY* (REPLACEMENT + PRO-RATA)
1	EM235Duro	235Ah	506X207X405	90+90 Months
2	EM25060TT	250Ah	506X207X405	36+36 Months
3	EM25120TT	250Ah	506X207X405	60+60 Months
4	EM250IL	250Ah	506X207X405	120+120 Months
5	EM300P	300Ah	506X207X405	60+60 Months
6	EM330P	330Ah	560X228X431	60+60 Months
7	EM400P	400Ah	560X228X431	60+60 Months

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Lead Acid Inverter Batteries

Regular Series

Inverter batteries with Capacity ranging from 135Ah to 220Ah and with warranty ranging from 5 years to 10 years.



Lowest electricity consumption in recharging



Easy recovery after idle period



Less fumes generation



Low water loss



Low cost of ownership



5% extra capacity & backup WRT rated capacity



S. No.	MODEL NO.	CAPACITY (AH) @C20	DIMENSION (LXWXH)	WARRANTY* (REPLACEMENT + PRO-RATA)
1	EM13572TT	135Ah	506X192X405	36+36 Months
2	EM15096TT	150Ah	506X192X405	48+48 Months
3	EM16042TT	160Ah	506X192X405	42+42 Months
4	EM16060TT	160Ah	506X192X405	30+30 Months
5	EM16072TT	160Ah	506X192X405	36+36 Months
6	EM18120TT	180Ah	506X192X405	60+60 Months
7	EM22072TT	220Ah	506X192X405	36+36 Months
8	EM20096TT	200Ah	506X192X405	48+48 Months

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Lead Acid Inverter Batteries

Smart Series

Inverter batteries (Tall Tubular , Short Tall Tubular & Jumbo Short Tubular) with warranty ranging from 4 years to 5 years.



*T&C Apply



Lowest electricity
consumption in
recharging



Easy recovery
after idle period



Less fumes
generation



Low water
loss



Low cost of
ownership



5% extra capacity &
backup WRT rated
capacity

Lead Acid Inverter Batteries

Smart Series

S. No.	MODEL NO.	CAPACITY (AH) @C20	DIMENSION (mm) (LXWXH)	WARRANTY* (REPLACEMENT + PRO-RATA)
1	EMSS100048TT	100Ah	506X192X405	24+24 Months
2	EMSS120048TT	120Ah	506X192X405	24+24 Months
3	EMSS135048TT	135Ah	506X192X405	24+24 Months
4	EMSS150048TT	150Ah	506X192X405	24+24 Months
5	EMSS150054TT	150Ah	506X192X405	30+24 Months
6	EMSS120060TT	120Ah	506X192X405	36+24 Months
7	EMSS135060TT	135Ah	506X192X405	36+24 Months
8	EMSS150060TT	150Ah	506X192X405	36+24 Months
9	EMSS180060TT	180Ah	506X192X405	36+24 Months
10	EMSS200060TT	200Ah	506X192X405	36+24 Months
11	EMSS220060TT	220Ah	506X192X405	36+24 Months
12	EMSS160060TT	160Ah	506X192X405	36+24 Months
13	EMSS230060TT	230Ah	506X192X405	36+24 Months
S. No.	MODEL NO.	CAPACITY (AH) @C20	DIMENSION (mm) (LXWXH)	WARRANTY* (REPLACEMENT + PRO-RATA)
1	EMSS135048STT	135Ah	506X192X405	24+24 Months
2	EMSS150048STT	150Ah	506X192X405	24+24 Months
3	EMSS135060STT	135Ah	506X192X405	36+24 Months
4	EMSS150060STT	150Ah	506X192X405	36+24 Months
S. No.	MODEL NO.	CAPACITY (AH) @C20	DIMENSION (mm) (LXWXH)	WARRANTY* (REPLACEMENT + PRO-RATA)
1	EMSS120048JST	120Ah	518X273X276	24+24 Months
2	EMSS135048JST	135Ah	518X273X276	24+24 Months
3	EMSS150048JST	150Ah	518X273X276	24+24 Months
4	EMSS150054JST	150Ah	518X273X276	30+24 Months
S. No.	MODEL NO.	CAPACITY (AH) @C20	DIMENSION (mm) (LXWXH)	WARRANTY* (REPLACEMENT + PRO-RATA)
1	EM15048JST	150Ah	520X213X279	24+24 Months

*T&C Apply



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