



Continued Energy Solutions

Your Trusted Home Backup Products



Next-Gen **POWERHOUSE COMBO**

LithTec Combo – Home UPS + Lithium Battery



Fast
Charging



Higher
Backup



Longer
Battery
Life



Best In
Class
Warranty



No Water
Top-up
Required



No Acid,
No Fumes

*T&C Apply

LEAD ACID REPLACEMENT (LITHIUM) BATTERIES

Engineered for superior performance, the Eastman Lead Acid Replacement Lithium Battery offers a smarter, longer-lasting alternative to traditional batteries. As 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.



LITHIUM BATTERIES

Model	EM LFP 160	EM LFP 240	EM LFP 320
Battery Rating	12.8V-100Ah	12.8V-150Ah	25.6V 100Ah
Battery operating Voltage (V)	10.6-14.6	10.6-14.6	21.2-29.2
Operating Temp Range (Charging)	0~60°C	0~60°C	0~60°C
Recommended Charge Current	20A	30A	20A
Recommended Discharge Current	50A	75A	50A
Battery Mass	≈ 13 kg	≈ 18 kg	≈ 27 kg
Warranty	5 Years	5 Years	5 Years
Battery Dimension (mm) LxWxH	330*210*160	330*235*217	460*308*202.5
Certification	UN38.3 UN3480 MSDS CE IEC 62619 BIS		BIS (In process)
Model	EM LFP 480	EM LFP 960	
Battery Rating	25.6V 150Ah	51.2V 150Ah	
Battery operating Voltage (V)	21.2~29.2	42.4~58.4	
Operating Temp Range (Charging)	0~60°C	0~60°C	
Recommended Charge Current	30A	30A	
Recommended Discharge Current	75A	75A	
Battery Mass	≈ 37 kg	≈ 68 kg	
Warranty	5 Years	5 Years	
Battery Dimension (mm) LxWxH	390*323*269.5	500*391*309	
Certification	BIS(In process)	BIS(In process)	

 Battery Management System

 Cell Balancing

 Thermal Protections

 Water Resistance

RECOMMENDED HOME UPS

Sine Wave Home UPS Model	Square Wave Home UPS Model	Battery Model Name	Capacity
950-12V 1300-12V 1650-12V	850VA-12V 1200VA-12V 1500VA-12V	EM LFP 160	12.8V 100Ah
950-12V 1300-12V 1650-12V	850VA-12V 1200VA-12V 1500VA-12V	EM LFP 240	12.8V 150Ah
2200-24V	2000VA-24V	EM LFP 320	25.6V 100Ah
2200-24V 3125VA-24V	2000VA-24V	EM LFP 480	25.6V 150Ah
5000VA-48V	-	EM LFP 960	51.2V 150Ah

*Warranty Void if not installed with Recommended Home UPS

Lithium Enabled 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

*T&C Apply

Square Wave

Product Specifications



Parameters	850VA-12V	1200VA-12V	1500VA-12V	2000VA-24V
Mains AC Input Range (Wide Mode)	90V-300V±VAC			
Mains AC Input Range (Narrow mode)	180V-260±VAC			
Output Voltage on Mains Mode	Same as Input			
Output Voltage on UPS Mode	210V-220V ± 10%			
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	TPZi Wave			
Battery Charging Current	Constant Charging approx 10% of the rated battery current in Ah			
Charger	CCCV			
UPS Overload/UPS Short Circuit	100% / 300%			
UPS Transfer Time	<=15msec			
Technology	Micro controller based design			
Auto Reset Feature	yes			
Operating Temperature	0°C to +45°C			

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

Sine Wave

Product Specifications



Parameters	950-12V	1300-12V	1650-12V	2200-24V	3125VA-24V	5000VA-48V
Mains AC Input Range (Wide Mode)	90V-300V±VAC				120V-275V±VAC	
Mains AC Input Range (Narrow mode)	180V-260±VAC				180V-260±VAC	
Output Voltage on Mains Mode	Same as Input				Same as Input	
Output Voltage on UPS Mode	210V+10%, -15%				220V +5% -18%	
Output Frequency in UPS Mode	50Hz ± 0.1Hz				50Hz ± 0.2Hz	
Switching From Mains to UPS and UPS to Mains Mode	Automatic				Automatic	
Output Waveform on Mains Mode	Same as Input				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				CCCV	
UPS Overload/UPS Short Circuit	100% / 300%				100% / 300%	
UPS Transfer Time	<=15msec				<=15msec	
Technology	Micro controller based design				Dspic Based Design	
Auto Reset Feature	yes				yes	
Operating Temperature	0°C to +45°C				0°C to +45°C	

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

Home UPS

Sine Wave &
Square Wave Inverter



Home UPS with unity power factor and sine wave technology, offered in 900 VA to 15,000 VA ranges, backed by a 60-month warranty*.



Unity Power
Factor VA=Watt
(*Bulb Load)



Zero Volt
Pick up



Start & Run SMPS/LED
Load as per Rating



Start & Run
Compressor/Motor
Load as per Rating



Peak Load
Peak Output
(PLPO)



Highest Full-Load
Output @ Nominal
Battery Voltage



Product Specifications



Parameters	900VA-12V	1050VA-12V	1200VA-12V	1800VA-24V	2200VA-24V
Mains AC Input Range (Wide Mode)	90V-300V±VAC				
Mains AC Input Range (Narrow mode)	180V-260±VAC				
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	100% / 300%				
UPS Transfer Time	<=15msec				
Technology	Micro controller based design				
Auto Reset Feature	yes				
Operating Temperature	0°C to +45°C				

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



Product Specifications



Parameters	700VA-12V	900VA-12V	1100VA-12V	1400VA-12V	1800VA-24V	2000VA-24V
Mains AC Input Range (Wide Mode)	90V-300V±VAC					
Mains AC Input Range (Narrow mode)	180V-260±VAC					
Output Voltage on Mains Mode	Same as Input					
Output Voltage on UPS Mode	210V-220V ± 10%					
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	TPZi Wave					
Battery Charging Current	Constant Charging approx 10% of the rated battery current in Ah					
Charger	CCCV					
UPS Overload/UPS Short Circuit	100% / 300%					
UPS Transfer Time	<=15msec					
Technology	Micro controller based design					
Auto Reset Feature	yes					
Operating Temperature	0°C to +45°C					

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



Higher Models (24V-180V)



Product Specifications

Parameters	2500VA-24V	4000VA-48V	5000VA-48V	5500VA-48V
Mains AC Input Range (Wide Mode)	120V-275V±VAC			
Mains AC Input Range (Narrow mode)	180V-260±VAC			
Output Voltage on Mains Mode	Same as Input			
Output Voltage on UPS Mode	220V ± 15%			
Output Frequency in UPS Mode	50Hz ± 0.2Hz			
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	100% / 300%			
UPS Transfer Time	<=15msec			
Technology	Dspic Based Design			
Auto Reset Feature	yes			
Operating Temperature	0°C to +45°C			

Parameters	7500VA-96V	10000VA-120V	15000VA-180V
Mains AC Input Range (Wide Mode)	120V-290V±VAC		
Mains AC Input Range (Narrow mode)	180V-265±VAC		
Output Voltage on Mains Mode	Same as Input		
Output Voltage on UPS Mode	220V +10%,-15%		
Output Frequency in UPS Mode	50Hz ± 0.2Hz		
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	100% / 300%		
UPS Transfer Time	<=15msec		
Technology	Dspic Based Design		
Auto Reset Feature	yes		
Operating Temperature	0°C to +45°C		

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

Home UPS

Sine Wave &
Square Wave Inverter



Designed to meet everyday power needs, this Home UPS range includes sine wave and square wave models from 700 VA to 2000 VA, backed by a 48-month warranty* for added assurance.



Zero-Cross
Transition



Superior Starting
Current Handling



Two Step
Boost Charging



Temperature
Guard Inside



Rapid "In a Wink
Changeover"



Lightning
Protector Inside

*T&C Apply



Product Specifications



Parameters	700VA-12V	850VA-12V	1000VA-12V	1200VA-12V	1500VA-12V	2000VA-24V
Mains AC Input Range (Wide Mode)	90V-300V±VAC					
Mains AC Input Range (Narrow mode)	180V-260±VAC					
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	100% / 300%					
UPS Transfer Time	<=15msec					
Technology	Micro controller based design					
Auto Reset Feature	yes					
Operating Temperature	0°C to +45°C					

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



Product Specifications



Parameters	700VA-12V	850VA-12V	1000VA-12V	1200VA-12V	1500VA-12V	2000VA-24V
Mains AC Input Range (Wide Mode)	90V-300V±VAC					
Mains AC Input Range (Narrow mode)	180V-260±VAC					
Output Voltage on Mains Mode	Same as Input					
Output Voltage on UPS Mode	210V-220V ± 10%					
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	TPZi Wave					
Battery Charging Current	Constant Charging approx 10% of the rated battery current in Ah					
Charger	CCCV					
UPS Overload/UPS Short Circuit	100% / 300%					
UPS Transfer Time	<=15msec					
Technology	Micro controller based design					
Auto Reset Feature	yes					
Operating Temperature	0°C to +45°C					

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



Designed for dependable home backup, this range of Home UPS system uses square wave technology and spans 700 VA to 1400 VA capacities, with a 36-month product warranty for added peace of mind.



*T&C Apply

Product Specifications

Parameters	750-12V (700VA)	950-12V (850VA)	1050-12V (1000VA)	1350-12V (1200VA)	1550-12V (1400VA)
Mains AC Input Range (Wide Mode)	90V-300V±VAC				
Mains AC Input Range (Narrow mode)	180V-260±VAC				
Output Voltage on Mains Mode	Same as Input				
Output Voltage on UPS Mode	210V-220V+10%				
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	TPZi Wave				
Battery Charging Current	Constant Charging approx 10% of the rated battery current in Ah				
Charger	CCCV				
UPS Overload/UPS Short Circuit	100% / 300%				
UPS Transfer Time	<=15msec				
Technology	Micro controller based design				
Auto Reset Feature	yes				
Operating Temperature	0°C to +45°C				

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



Zero-Cross Transition



Superior Starting Current Handling



Two Step Boost Charging



Temperature Guard Inside

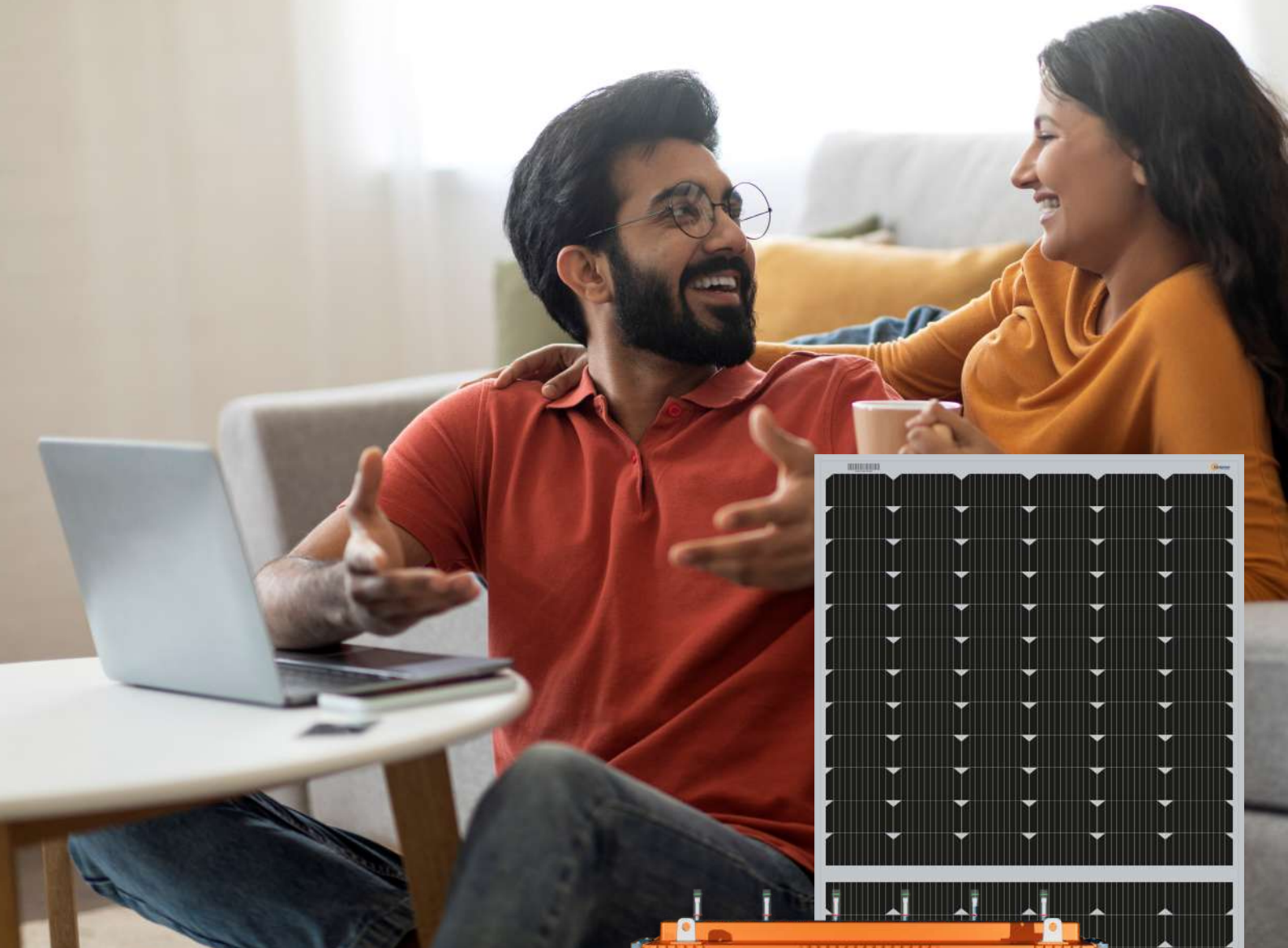


Rapid "In a Wink Changeover"



Lightning Protector Inside

Solar Power Generating System (SPGS) Combo



A compact, dependable energy solution built to deliver steady power for homes and small businesses. The SPGS Combo integrates the **Dawn Series Battery**, available in 180Ah and 230Ah tubular models with a 72-month total warranty, paired with an efficient **Solar Panel** range including 50W (12V) and 550W (24V) modules, completing the system is the **Eastman SMU/Solar Charge Controller**, offered in 10A, 20A, and 30A (12/24V) variants with up to 1-year warranty.



DAWN BATTERY

S.No	Model	Type	Ah @C20 Rating	Warranty* (Replacement + Pro-Rata)	Total Warranty
1	ED1800SSR	TT	180	36 +36	72 Months
2	ED2300SSR	TT	230	36 +36	72 Months

SOLAR PANEL

S.No	Solar Panel Type	Model	Volt	Rating	Total Warranty
1	Mono Perc	EMP50W	12V	50 WP	25 YEARS
2	Mono Perc Bi-Facial	EBP550W-NON DCR	24V	550 WP	25 YEARS

EASTMAN SMU | SCC

SMU			
Product	Volt	Model Name	Warranty
SMU 30 AMP	12/24	ESMU301224	9 Months
SCC			
Product	Volt	Model Name	Warranty
SCC 10 AMP	12/24	ESCC101224	1 Year
SCC 20 AMP	12/24	ESCC201224	1 Year
SCC 30 AMP	12/24	ESCC301224	1 Year

Lead Acid Inverter Batteries

Lead acid inverter batteries featuring high-cycle performance, low electricity consumption, strong recovery after idle periods, and low fume generation. Designed for stable power output and available in multiple capacities to suit diverse backup requirements.



Lowest Electricity Consumption in Recharging



Less Fumes Generation



Low Cost of Ownership



Easy Recovery After Idle Period



Low Water Loss



5% Extra Capacity & Backup WRT Rated Capacity

*T&C Apply

Premium Series

Inverter batteries with Capacity ranging from 235Ah to 400Ah and with warranty ranging from 72 Months to 20 Years.



S.N	Model No.	Capacity (Ah)@C20	Warranty* (Replacement + Pro-Rata)	Total Warranty
1	EM235Duro	235Ah	90+90 Months	180 Months
2	EM25060TT	250Ah	36+36 Months	72 Months
3	EM25120TT	250Ah	60+60 Months	120 Months
4	EM250IL	250Ah	120+120 Months	240 Months
5	EM300P	300Ah	60+60 Months	120 Months
6	EM330P	330Ah	60+60 Months	120 Months
7	EM400P	400Ah	60+60 Months	120 Months

Regular Series

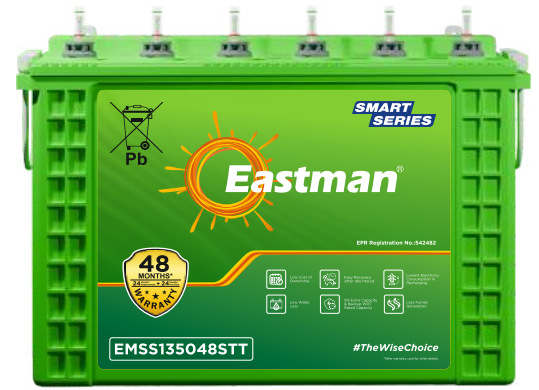
Inverter batteries with Capacity ranging from 135Ah to 220Ah and with warranty* ranging from 60 Months to 120 Months.



S.N	Model No.	Capacity (Ah)@C20	Warranty* (Replacement + Pro-Rata)	Total Warranty
1	EM13572TT	135Ah	36+36 Months	72 Months
2	EM15096TT	150Ah	48+48 Months	96 Months
3	EM16042TT	160Ah	42+42 Months	84 Months
4	EM16060TT	160Ah	30+30 Months	60 Months
5	EM16072TT	160Ah	36+36 Months	72 Months
6	EM18120TT	180Ah	60+60 Months	120 Months
7	EM22072TT	220Ah	36+36 Months	72 Months
8	EM20096TT	200Ah	48+48 Months	96 Months

Smart Series

Inverter batteries with Capacity ranging from 50Ah to 220Ah and with warranty ranging from 48 Months to 60 Months.



S.N	Model No.	Capacity (Ah)@C20	Warranty* (Replacement + Pro-Rata)	Total Warranty
TALL TUBULAR				
1	EMSS100048TT	100Ah	24+24 Months	48 Months
2	EMSS120048TT	120Ah	24+24 Months	48 Months
3	EMSS135048TT	135Ah	24+24 Months	48 Months
4	EMSS150048TT	150Ah	24+24 Months	48 Months
5	EMSS150054TT	150Ah	30+24 Months	54 Months
6	EMSS120060TT	120Ah	36+24 Months	60 Months
7	EMSS135060TT	135Ah	36+24 Months	60 Months
8	EMSS150060TT	150Ah	36+24 Months	60 Months
9	EMSS180060TT	180Ah	36+24 Months	60 Months
10	EMSS200060TT	200Ah	36+24 Months	60 Months
11	EMSS220060TT	220Ah	36+24 Months	60 Months
12	EMSS160060TT	160Ah	36+24 Months	60 Months
13	EMSS230060TT	230Ah	36+24 Months	60 Months
SHORT TALL TUBULAR				
14	EMSS135048STT	135Ah	24+24 Months	48 Months
15	EMSS150048STT	150Ah	24+24 Months	48 Months
16	EMSS135060STT	135Ah	36+24 Months	60 Months
17	EMSS150060STT	150Ah	36+24 Months	60 Months
JUMBO SHORT TUBULAR				
18	EMSS120048JST	120Ah	24+24 Months	48 Months
19	EMSS135048JST	135Ah	24+24 Months	48 Months
20	EMSS150048JST	150Ah	24+24 Months	48 Months
21	EMSS150054JST	150Ah	30+24 Months	60 Months
JUMBO SHORT TUBULAR				
22	EM15048JST	150Ah	24+24 Months	48 Months



Eastman Auto & Power Limited

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