

12V120Ah @ 10HR

Rekoser AGM Battery for General Purpose

AGM Battery. Rekoser stationary series, general use, has been specially designed to optimize its life and quality, minimizing maintenance and maximizing self discharge of their properties for longer storage. RKE series is ideal for security and alarm systems, UPS systems, emergency light systems and other small backup applications.

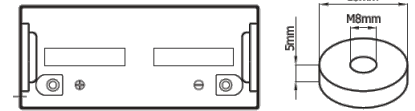


Complied standards

- IEC 60896-21/22
- JIS C8704
- GB/T19639



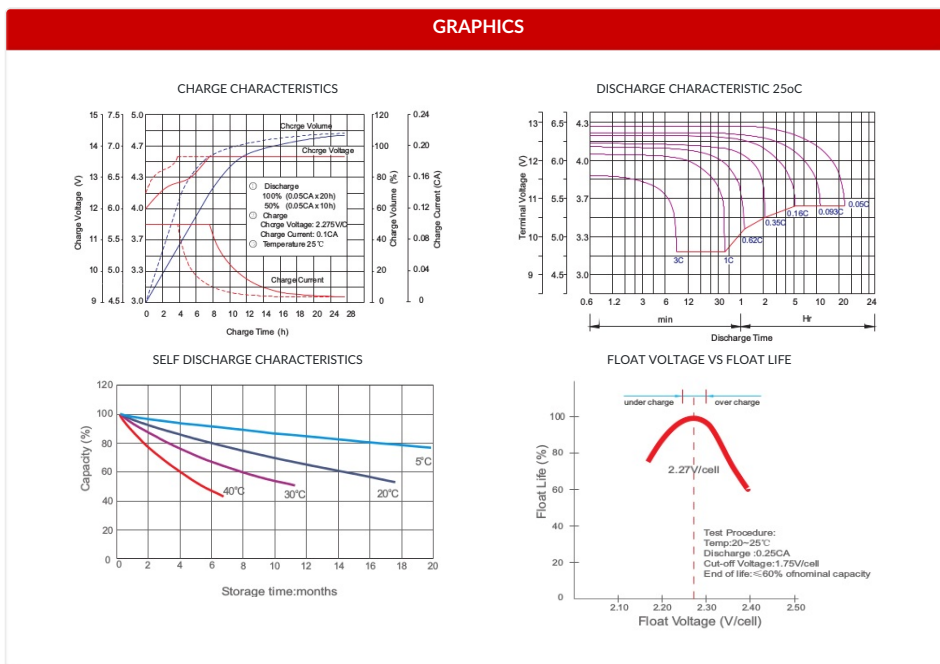
TERMINAL F12



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	120Ah @ 10HR	126Ah @ 20HR		
Internal Resistance	Fully Charged 25 mΩ			
Self Discharge	3% of capacity declined per month at 25°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	36A			
Max. Discharge Current	960A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	410x176x227(227)
Weight (kgs)	34

CONSTRUCTION	
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS (Flame Retardant Optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Sulphuric acid



CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	189A 355W	169A 321W	154A 294W	108A 208W	69.9A 136W	31.0A 60.9W	20.8A 41.1W	11.7A 23.4W	6.15A 12.4W
10.80 V	220A 408W	188A 353W	169A 320W	115A 219W	73.1A 140W	32.0A 62.4W	21.3A 41.8W	12.0A 23.8W	6.3A 12.6W
10.50 V	249A 456W	207A 384W	181A 340W	120A 227W	75.6A 144W	32.7A 63.1W	21.8A 42.5W	12.2A 24.1W	6.42A 12.7W
10.20 V	287A 518W	222A 408W	195A 362W	124A 233W	77.1A 146W	33.2A 63.5W	22.1A 42.7W	12.4A 24.3W	6.54A 12.9W
10.02 V	321A 573W	245A 445W	207A 380W	129A 240W	79.0A 148W	33.6A 63.8W	22.3A 42.8W	12.6A 24.4W	6.7A 13.1W
9.60 V	360A 634W	266A 477W	219A 400W	135A 250W	81.1A 151W	34.0A 64.2W	22.6A 43.0W	12.7A 24.6W	6.85A 13.3W