

12V100Ah @ 10HR

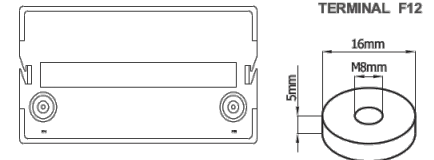
Rekoser AGM Battery for General Purpose

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



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	100Ah @ 10HR	105Ah @ 20HR		
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°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	30A			
Max. Discharge Current	800A			

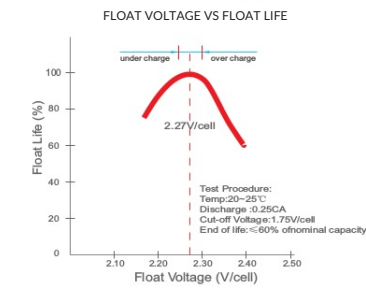
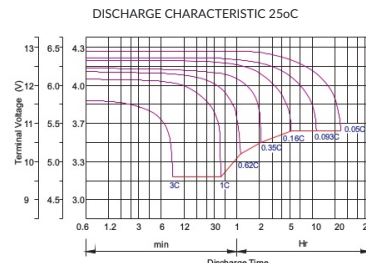
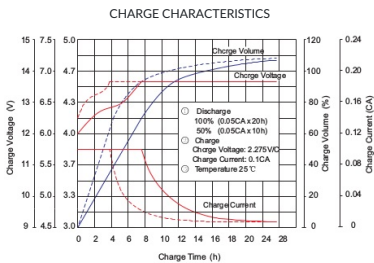
DIMENSIONS AND WEIGHT

Dimensions (mm)	328x171x214(220)
Weight (kgs)	30

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

GRAPHICS



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

F.V / Time	5MIN	10MIN	15MIN	30MIN	1HR	3HR	5HR	10HR	20HR
11.10 V	157A 296W	141A 268W	128A 245W	90.2A 174W	58.3A 113W	25.8A 50.7W	17.3A 34.3W	9.74A 19.5W	5.13A 10.3W
10.80 V	184A 340W	157A 294W	141A 267W	95.6A 182W	60.9A 117W	26.7A 52.0W	17.7A 34.8W	10.0A 19.9W	5.25A 10.5W
10.50 V	208A 380W	172A 320W	151A 283W	100A 189W	63.0A 120W	27.2A 52.6W	18.2A 35.4W	10.2A 20.1W	5.35A 10.6W
10.20 V	239A 431W	185A 340W	163A 302W	104A 194W	64.3A 121W	27.7A 52.9W	18.4A 35.5W	10.3A 20.2W	5.45A 10.7W
10.02 V	268A 477W	204A 370W	172A 316W	108A 200W	65.8A 123W	28.0A 53.2W	18.6A 35.6W	10.5A 20.3W	5.58A 10.9W
9.60 V	300A 528W	221A 398W	183A 333W	113A 208W	67.6A 126W	28.3A 53.5W	18.8A 35.8W	10.6A 20.5W	5.71A 11.1W