

12V45Ah @ 20HR

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.

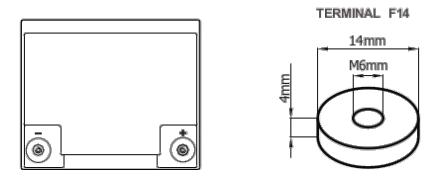


Complied standards

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

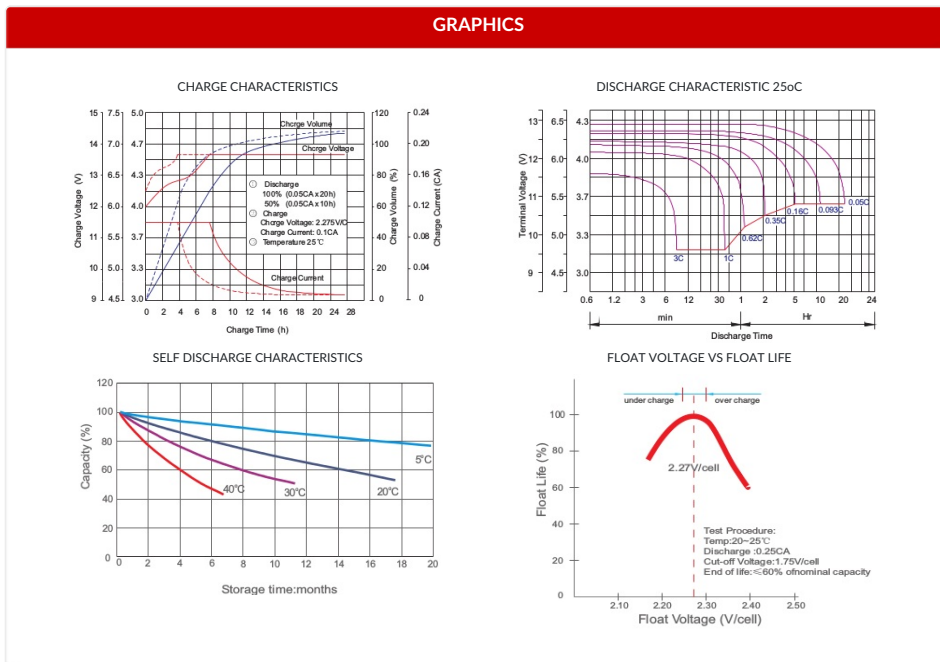


SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	45Ah @ 20HR			
Internal Resistance	Fully Charged 9.2 m Ω			
Self Discharge	3% of capacity declined per month at 25°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	13.5A			
Max. Discharge Current	400A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	197x165x170(170)
Weight (kgs)	13.1

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	70.8A 133W	63.4A 121W	57.8A 110W	40.6A 78.1W	26.2A 50.9W	11.6A 22.8W	7.79A 15.4W	4.38A 8.76W	2.31A 4.64W
10.80 V	82.7A 153W	70.5A 132W	63.4A 120W	43.0A 82.0W	27.4A 52.6W	12.0A 23.4W	7.98A 15.7W	4.5A 8.94W	2.36A 4.72W
10.50 V	93.5A 171W	77.5A 144W	68.0A 127W	45.0A 85.0W	28.3A 53.9W	12.3A 23.7W	8.18A 15.9W	4.59A 9.05W	2.51A 4.77W
10.20 V	108A 194W	83.4A 153W	73.2A 136W	46.6A 87.3W	28.9A 54.6W	12.55A 23.8W	8.29A 16.0W	4.65A 9.11W	2.45A 4.84W
10.02 V	120A 215W	91.8A 167W	77.5A 142W	48.4A 90.0W	29.6A 55.5W	12.6A 23.9W	8.35A 16.0W	4.71A 9.15W	2.51A 4.91W
9.60 V	135A 238W	100A 179W	82.3A 150W	50.7A 93.6W	30.4A 56.7W	12.8A 24.1W	8.47A 16.1W	4.77A 9.22W	2.57A 4.99W