

12V4.5Ah @ 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.

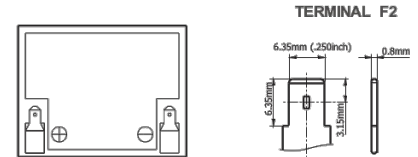


Complied standards

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

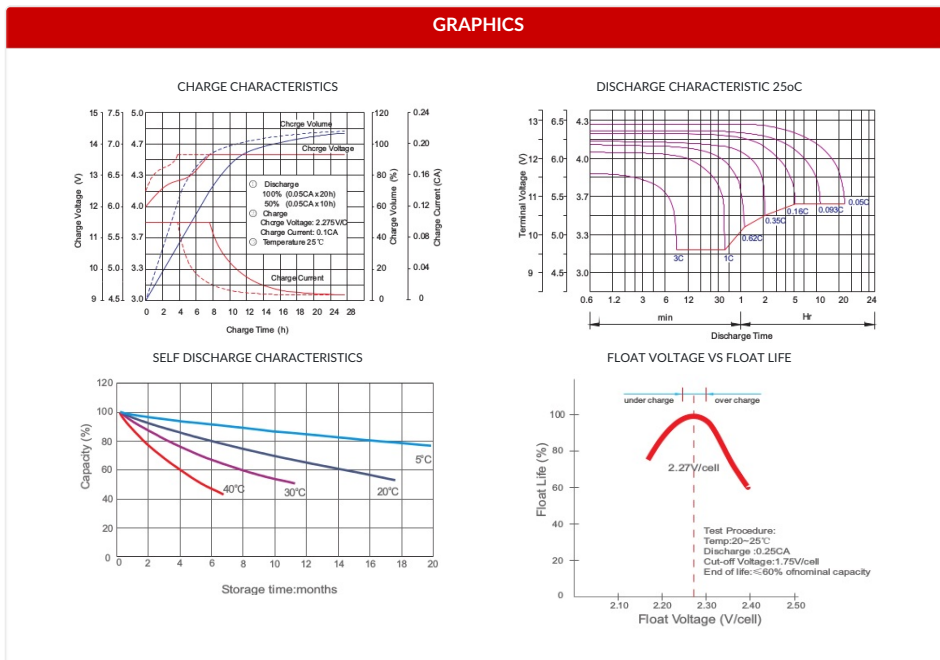


SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	4.5Ah @ 20HR			
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 25°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	1.35A			
Max. Discharge Current	67A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	90x70x101(107)
Weight (kgs)	1.47

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	11.2A	21.2W	8.8A	16.7W	7.45A	14.2W	4.58A	8.82W	2.73A	5.3W	1.18A	2.32W	0.76A	1.49W	0.42A	0.839W	0.214A	0.431W
10.80 V	12.7A	23.5W	9.34A	17.5W	7.64A	14.5W	4.68A	8.91W	2.77A	5.32W	1.2A	2.33W	0.77A	1.5W	0.425A	0.845W	0.22A	0.44W
10.50 V	14.2A	25.9W	9.88A	18.3W	7.83A	14.7W	4.76A	8.99W	2.83A	5.39W	1.22A	2.35W	0.78A	1.51W	0.43A	0.848W	0.225A	0.447W
10.20 V	15.5A	28.1W	10.3A	19.0W	8.04A	14.9W	4.87A	9.13W	2.88A	5.44W	1.23A	2.35W	0.79A	1.52W	0.435A	0.852W	0.23A	0.453W
10.02 V	16.8A	29.9W	10.8A	19.6W	8.24A	15.1W	4.96A	9.21W	2.93A	5.48W	1.24A	2.36W	0.8A	1.53W	0.44A	0.856W	0.234A	0.458W
9.60 V	18.0A	31.8W	11.2A	20.1W	8.53A	15.6W	5.08A	9.39W	2.96A	5.52W	1.25A	2.36W	0.81A	1.54W	0.446A	0.862W	0.239A	0.463W