

12V100Ah @ 10HR

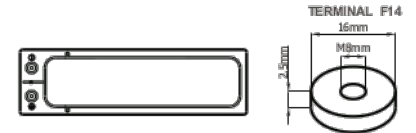
Rekoser AGM Battery for General Purpose

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

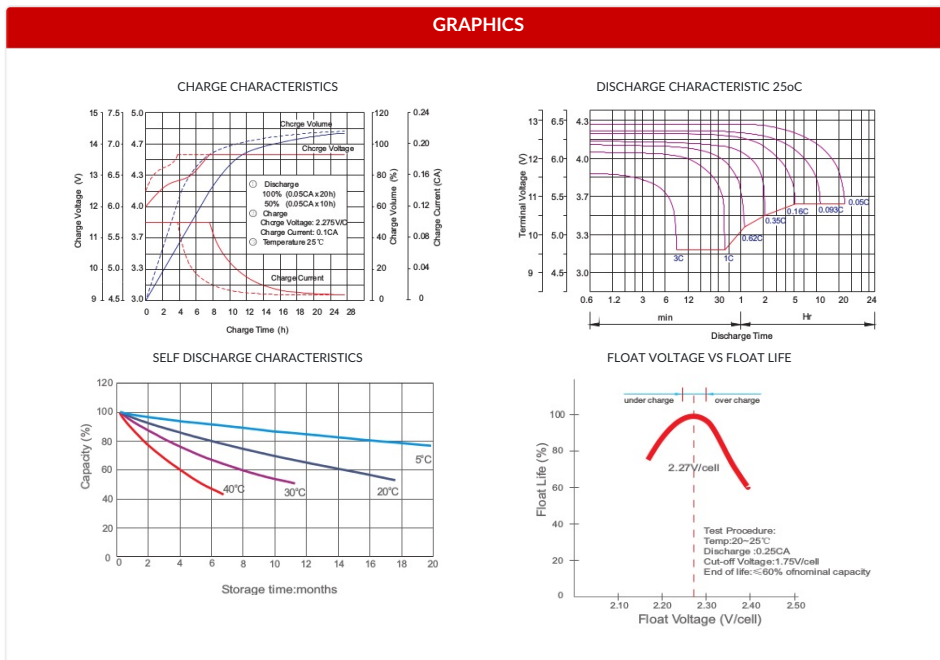
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	100Ah @ 10HR	105Ah @ 20HR		
Internal Resistance	Fully Charged 25 mΩ			
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	25A			
Max. Discharge Current	800A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	395x110x285(285)
Weight (kgs)	31

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	142A 267W	121A 229W	114A 218W	81.9A 158W	52.4A 102W	24.7A 48.4W	16.2A 32.1W	9.65A 19.3W	5.0A 10.1W
10.80 V	165A 306W	134A 251W	125A 237W	86.8A 165W	54.0A 104W	25.9A 50.4W	17.0A 33.4W	10.0A 19.9W	5.3A 10.6W
10.20 V	187A 342W	147A 273W	134A 252W	90.8A 172W	56.7A 108W	26.4A 50.9W	17.2A 33.5W	10.3A 20.1W	5.33A 10.6W
10.50 V	215A 388W	158A 291W	145A 268W	94.1A 176W	57.9A 109W	26.8A 51.3W	17.4A 33.5W	10.2A 20.2W	5.4A 10.6W
10.02 V	241A 430W	174A 317W	153A 281W	97.8A 182W	59.2A 111W	27.1A 51.6W	17.5A 33.7W	10.5A 20.3W	5.45A 10.7W
9.60 V	270A 475W	189A 340W	163A 297W	102A 189W	60.8A 113W	27.5A 51.8W	17.8A 33.9W	10.6A 20.5W	5.5A 10.7W