

## 12V160Ah @ 10HR

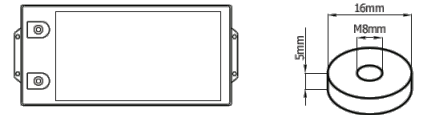
### Rekoser AGM Battery for General Purpose

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**

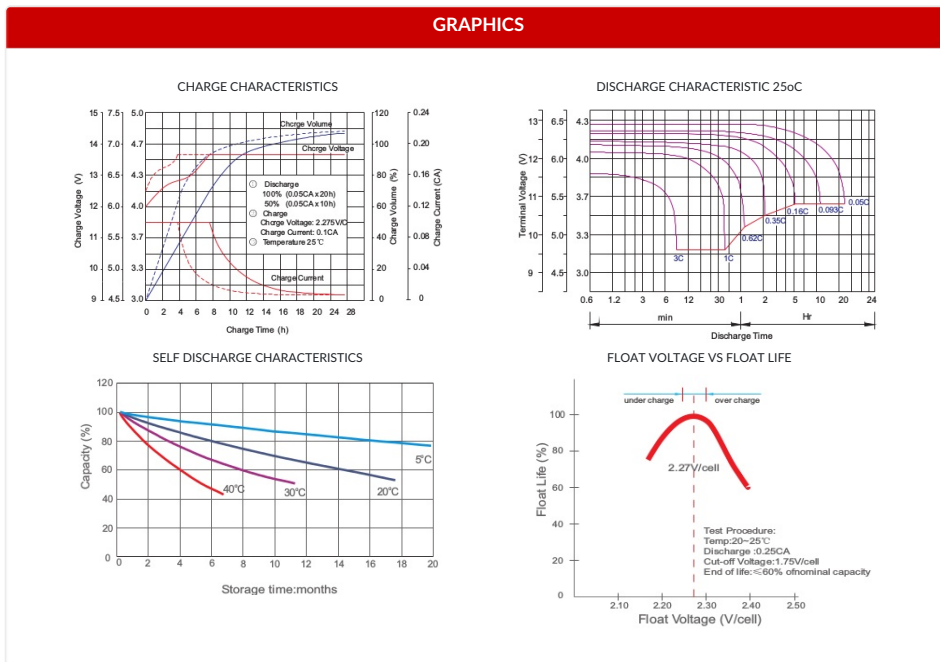
- IEC 60896-21/22
- JIS C8704
- GB/T19639



SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	160Ah @ 10HR	168Ah @ 20HR		
Internal Resistance	Fully Charged 35 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	32A			
Max. Discharge Current	1000A			

DIMENSIONS AND WEIGHT	
Dimensions (mm)	522x238x218(222)
Weight (kgs)	47.1

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	252A 474W	226A 428W	205A 393W	144A 278W	93A 180W	41.3A 81.2W	27.7A 54.8W	15.6A 31.1W	8.2A 16.4W
10.80 V	294A 544W	251A 470W	226A 427W	153A 292W	98A 188W	42.8A 83.2W	28.4A 55.7W	16.0A 31.8W	8.4A 16.8W
10.50 V	332A 608W	276A 511W	242A 453W	160A 302W	100A 192W	43.6A 84.1W	29.1A 56.6W	16.4A 32.2W	8.6A 17.0W
10.20 V	382A 690W	297A 544W	260A 483W	165A 310W	103A 195W	44.3A 84.7W	29.4A 56.9W	16.5A 32.4W	8.7A 17.2W
10.02 V	428A 764W	326A 593W	276A 507W	172A 320W	105A 197W	44.8A 85.2W	29.7A 57.0W	16.7A 32.5W	8.9A 17.4W
9.60 V	480A 845W	354A 636W	292A 533W	180A 333W	108A 202W	45.3A 85.6W	30.1A 57.3W	17.0A 32.8W	9.2A 17.7W