

## 12V36Ah @ 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.

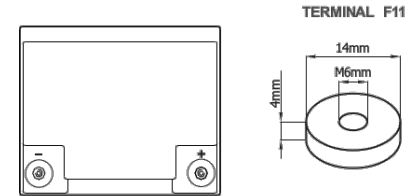


#### Complied standards

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

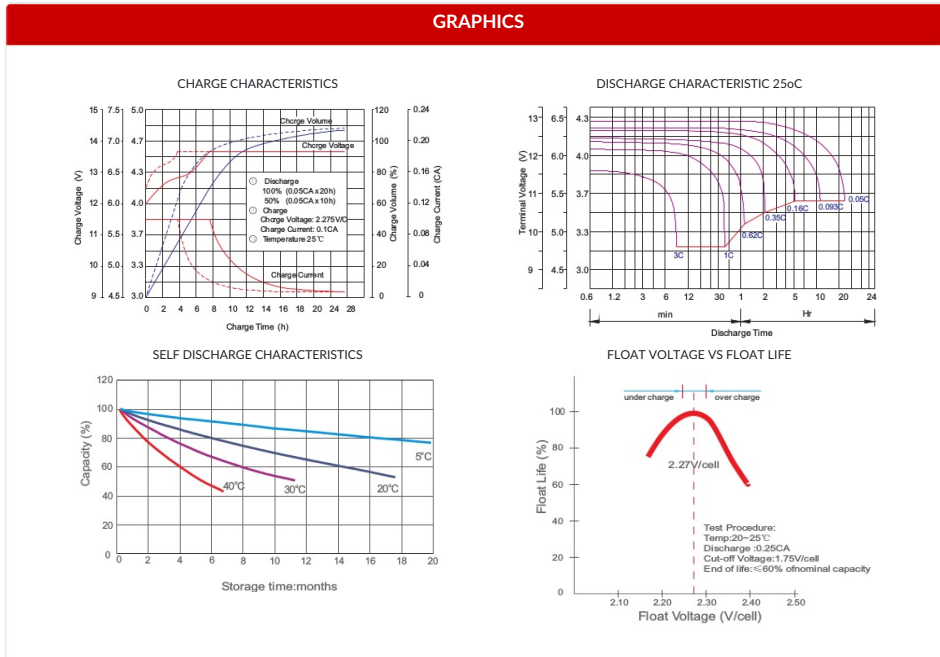


SPECIFICATIONS				
Nominal Voltage	12V			
Capacity (25°C)	36Ah @ 10HR	39.8Ah @ 20HR		
Internal Resistance	Fully Charged 25 m Ω			
Self Discharge	3% of capacity declined per month at 20°C			
Cell number	6 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
Max. Charge Current	11.4A			
Max. Discharge Current	400A			



DIMENSIONS AND WEIGHT	
Dimensions (mm)	197x165x170(170)
Weight (kgs)	12.3

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	59.8A 113W	53.6A 102W	48.8A 93.2W	34.3A 66.0W	22.1A 42.9W	9.82A 19.3W	6.58A 13.0W	3.7A 7.4W	1.95A 3.92W
10.80 V	69.8A 129W	59.5A 112W	53.5A 101W	36.3A 69.2W	23.1A 44.4W	10.1A 19.8W	6.74A 13.2W	3.8A 7.55W	1.99A 3.98W
10.50 V	78.9A 144W	65.4A 121W	57.4A 108W	38.0A 71.8W	23.9A 45.6W	10.3A 20.0W	6.91A 13.4W	3.88A 7.64W	2.03A 4.03W
10.20 V	90.8A 164W	70.4A 129W	61.8A 115W	39.4A 73.7W	24.4A 46.1W	10.5A 20.1W	7.0A 13.5W	3.93A 7.69W	2.07A 4.08W
10.02 V	102A 181W	77.5A 141W	65.4A 120W	40.9A 76.0W	25.0A 46.9W	10.6A 20.2W	7.05A 13.5W	3.98A 7.73W	2.12A 4.14W
9.60 V	114A 201W	84.1A 151W	69.5A 127W	42.8A 79.1W	25.7A 47.9W	10.8A 20.3W	7.15A 13.6W	4.03A 7.78W	2.17A 4.21W