

## 2V500Ah @ 10HR

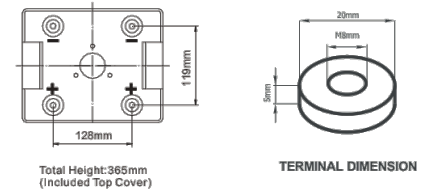
### Rekoser AGM Battery for General Purpose

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	2V			
Capacity (25°C)	500Ah @ 10HR			
Internal Resistance	Fully Charged 0.5 mΩ			
Self Discharge	3% of capacity declined per month at 25°C			
Cell number	1 cells			
Capacity Affected by Temperature	102% (40°C)	100% (25°C)	85% (0°C)	65% (-15°C)
Charge Voltage (25°C)	Cycle - 2.35-2.40V (-3mV/C), max. Current 2.1A		Float - 2.25-2.29V (-2mV/C)	
Max. Charge Current	100A			
Max. Discharge Current	2500A			

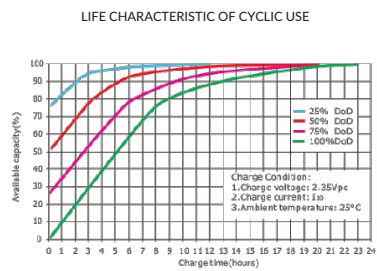
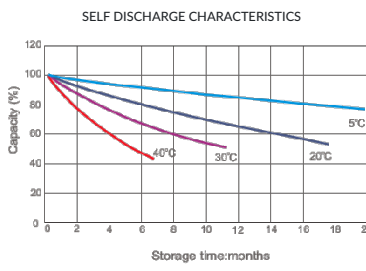
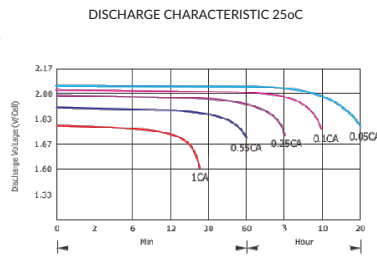
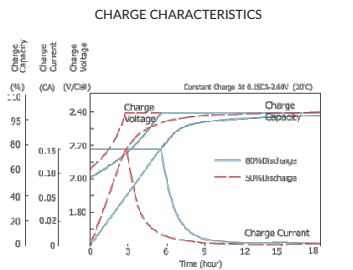
### DIMENSIONS AND WEIGHT

Dimensions (mm)	241x175x330(365)
Weight (kgs)	30

### 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

### GRAPHICS



### CONSTANT DISCHARGE RATINGS (A, W) AT 25°C

F.V / Time	30MIN		1HR		3HR		5HR		10HR		20HR	
1.80 V	402A	751W	274A	520W	124A	242W	86.3A	170W	50.0A	99.5W	26.3A	52.5W
1.75 V	417A	780W	282A	536W	128A	250W	89.0A	175W	50.4A	100W	26.4A	52.9W
1.70 V	428A	799W	288A	547W	128A	252W	89.6A	177W	50.7A	101W	26.6A	53.2W
1.65 V	441A	825W	296A	561W	129A	253W	90.2A	178W	50.8A	101W	26.7A	53.3W
1.60 V	450A	842W	300A	570W	130A	255W	90.8A	179W	50.9A	101W	26.7A	53.4W