

12V100Ah 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.

## STANDARDS



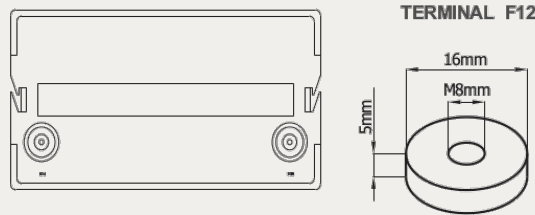
### Complied standards

- IEC 61056
- UL1989
- JIS C8702
- GB/T19639

## IMAGE



## TERMINAL TYPE



## SPECIFICATIONS

<b>Capacity (25°C)</b>	<b>100Ah @ 10HR</b>		<b>105Ah @ 20HR</b>	
<b>Internal Resistance</b>	<b>Fully Charged 25 m Ω</b>			
<b>Self Discharge</b>	<b>3% of capacity declined per month at 20°C</b>			
<b>Cell number</b>	<b>6 cells</b>			
<b>Capacity Affected by Temperature</b>	<b>102% (40°C)</b>	<b>100% (25°C)</b>	<b>85% (0°C)</b>	<b>65% (-15°C)</b>
<b>Charge Voltage (25°C)</b>	Cycle - 14.6-14.8V (-30mV/C), max. Current 2.1A		Float - 13.6-13.8V (-20mV/C)	
<b>Max. Charge Current</b>	<b>30A</b>			
<b>Max. Discharge Current</b>	<b>800A</b>			

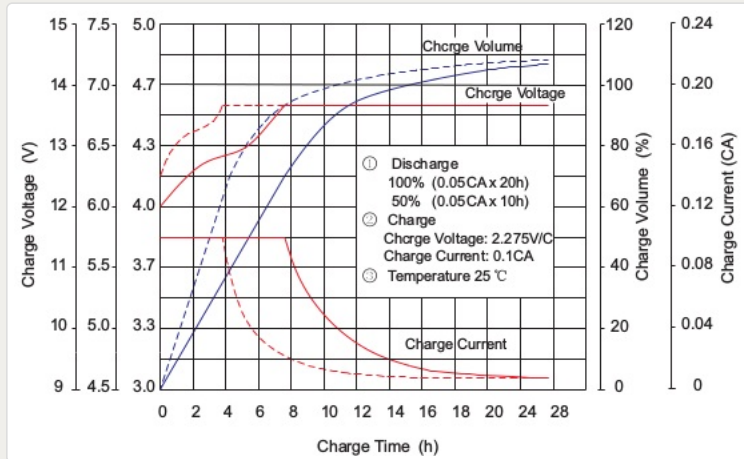
## DIMENSIONS

<b>Length</b>	<b>Width</b>
328mm	171mm
<b>Height</b>	<b>Total Height</b>
214mm	220mm
<b>Approx. Weight</b>	<b>30Kg</b>

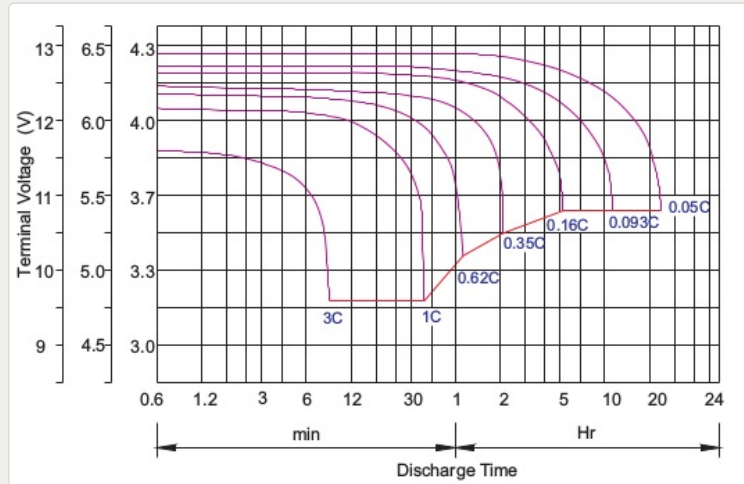
## CONSTRUCTION

<b>Component</b>	Raw Material	<b>Sealant</b>	Epoxy Resin
<b>Positive</b>	Lead dioxide	<b>Safety Valve</b>	Rubber
<b>Negative</b>	Lead	<b>Terminal</b>	Copper
<b>Container</b>	ABS (Flame Retardant Optional)	<b>Separator</b>	Fibre Glass
<b>Cover</b>	ABS (Flame Retardant Optional)	<b>Electrolyte</b>	Sulphuric acid

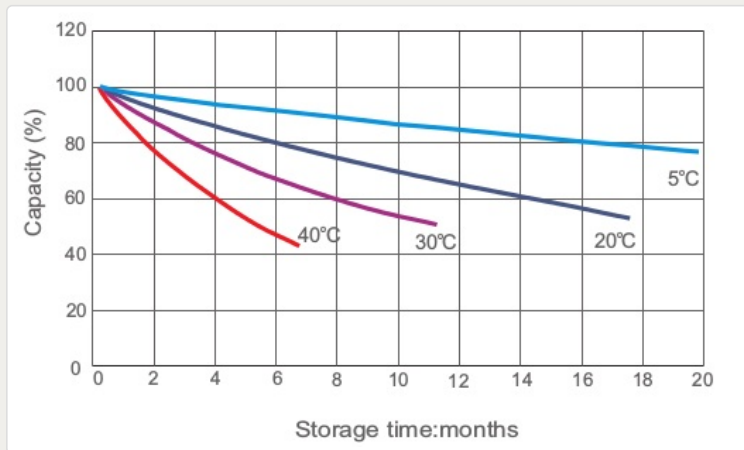
## CHARGE CHARACTERISTICS



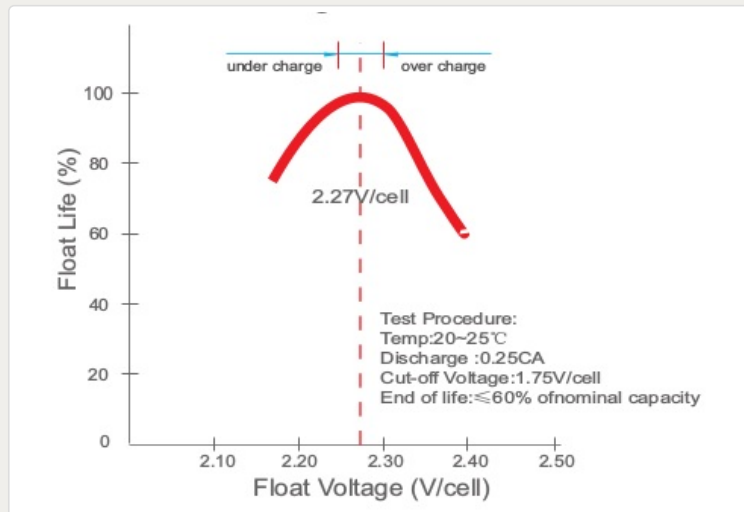
## DISCHARGE CHARACTERISTIC 25oC



## SELF DISCHARGE CHARACTERISTICS



## FLOAT VOLTAGE VS FLOAT LIFE



## CONSTANT DISCHARGE RATINGS

F.V / Time	5MIN		10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR		20HR	
11.10 V	157	296	141	268	128	245	90.2	174	58.3	113	25.8	50.7	17.3	34.3	9.74	19.5	5.13	10.3
10.80 V	184	340	157	294	141	267	95.6	182	60.9	117	26.7	52.0	17.7	34.8	10.0	19.9	5.25	10.5
10.50 V	208	380	172	320	151	283	100	189	63.0	120	27.2	52.6	18.2	35.4	10.2	20.1	5.35	10.6
10.20 V	239	431	185	340	163	302	104	194	64.3	121	27.7	52.9	18.4	35.5	10.3	20.2	5.45	10.7
10.02 V	268	477	204	370	172	316	108	200	65.8	123	28.0	53.2	18.6	35.6	10.5	20.3	5.58	10.9
9.60 V	300	528	221	398	183	333	113	208	67.6	126	28.3	53.5	18.8	35.8	10.6	20.5	5.71	11.1

CONSTANT CURRENT DISCHARGE RATINGS - AMPERES AT 25°C

CONSTANT POWER DISCHARGE RATINGS - WATTS AT 25°C