

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



ISO9001

ISO14001



Complied standards

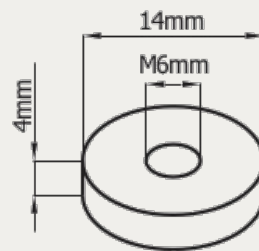
- IEC 61056
- UL1989
- JIS C8702
- GB/T19639

IMAGE



TERMINAL TYPE

TERMINAL F11



SPECIFICATIONS

Capacity (25°C)	50Ah @ 10HR		52.4Ah @ 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	15A			
Max. Discharge Current	500A			

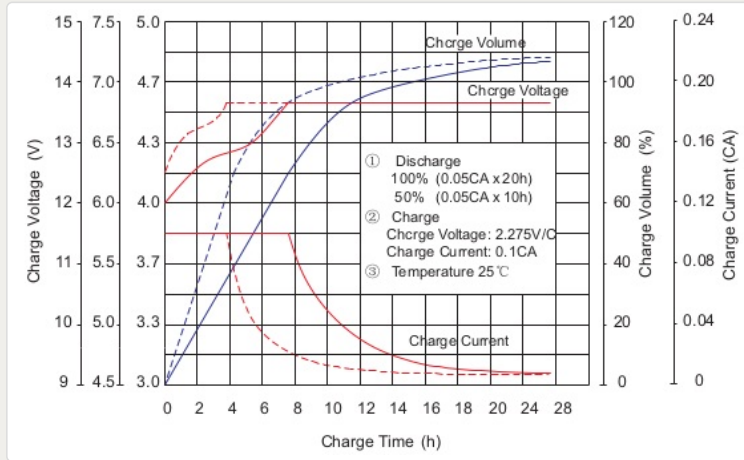
DIMENSIONS

Length	Width
229mm	138mm
Height	Total Height
208mm	212mm
Approx. Weight	20.5Kg

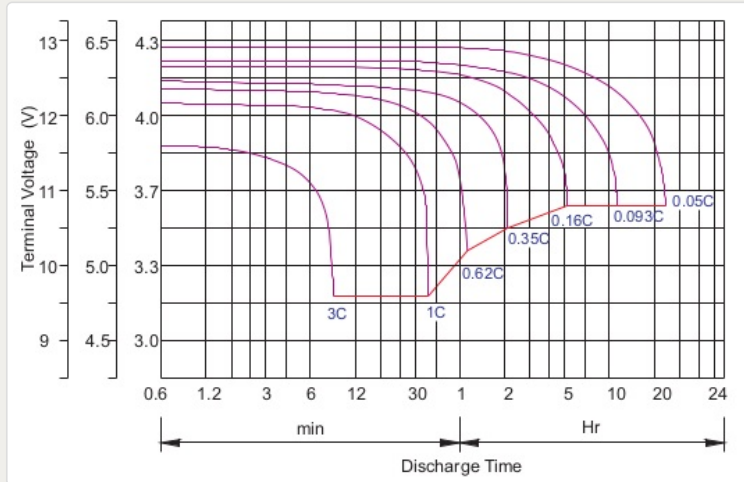
CONSTRUCTION

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

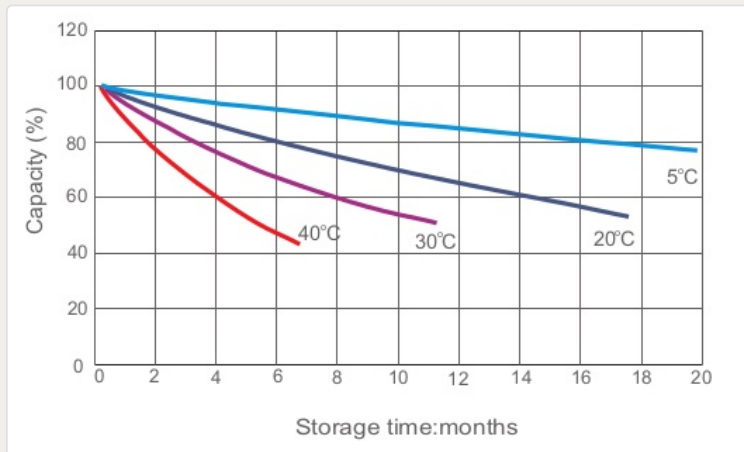
CHARGE CHARACTERISTICS



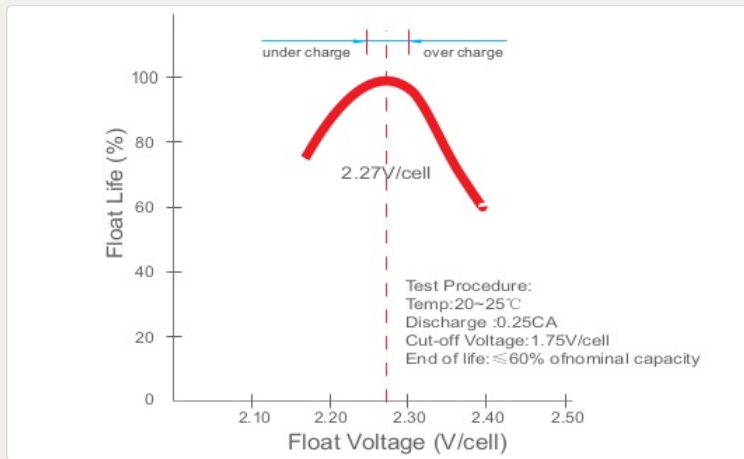
DISCHARGE CHARACTERISTIC 25oC



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	78.6	148	70.5	134	64.2	123	45.1	86.8	29.1	56.5	12.9	25.4	8.66	17.1	4.87	9.73	2.56	5.15
10.80 V	91.8	170	78.3	147	70.5	133	47.8	91.1	30.5	58.5	13.4	26.0	8.87	17.4	5.0	9.93	2.62	5.24
10.50 V	104	190	86.1	160	75.5	142	50.0	94.4	31.5	59.9	13.6	26.3	9.09	17.6	5.1	10.0	2.68	5.3
10.20 V	119	216	92.7	170	81.4	151	51.8	97.0	32.1	60.7	13.8	26.5	9.21	17.7	5.17	10.1	2.73	5.37
10.02 V	134	239	102	185	86.1	158	53.8	100	32.9	61.7	14.0	26.6	9.28	17.8	5.24	10.2	2.79	5.45
9.60 V	150	264	111	199	91.4	167	56.3	104	33.8	63.0	14.2	26.7	9.41	17.9	5.3	10.3	2.86	5.54

CONSTANT CURRENT DISCHARGE RATINGS - AMPERES AT 25°C

CONSTANT POWER DISCHARGE RATINGS - WATTS AT 25°C