

2V2000Ah @ 10HR

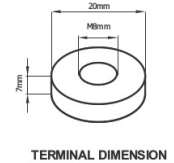
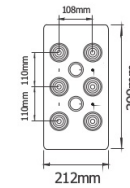
Rekoser OPzV Battery

Rekoser OPzV battery. The RKV series adopts an Immobilized Gel and Tubular Positive Plate technology. It offers high reliability and stable performance. By using die-casted positive grid and patented active material formula, it exceeds the DIN standard values and offer 20+ years design life in float service. It is very suitable for cyclic use under extreme operating conditions. This series is recommended for telecom outdoor applications, renewable energy systems and other harsh environment applications.



Complied standards

- IEC 60896-11
- DIN40736
- IEC61427
- Eurobat guide, long lif
- BS6290 part 4



SPECIFICATIONS

Nominal Voltage	2V			
Capacity (25°C)	2000Ah @ 10HR	2160Ah @ 20HR		
Internal Resistance	Approx. 0.31mOhm (fully charged @ 20°C)			
Self Discharge	Approx. 2% per month @ 20°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 (-5mV/°C/cell)		Float - 2.25-2.29V (-3mV/°C/cell)	
Max. Charge Current	400A			
Max. Discharge Current	3000A			

DIMENSIONS AND WEIGHT

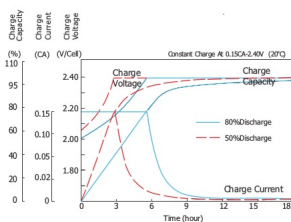
Dimensions (mm)	399x212x772(807)
Weight (kgs)	144.6

CONSTRUCTION

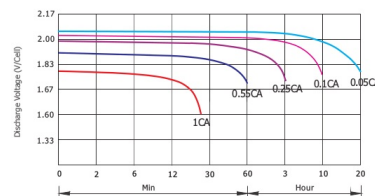
Component	Raw Material
Positive	Lead dioxide
Negative	Lead
Container	ABS(UL94-V0 optional)
Cover	ABS (Flame Retardant Optional)
Sealant	Epoxy Resin
Safety Valve	Rubber
Terminal	Copper
Separator	Fibre Glass
Electrolyte	Immobilized Gel

GRAPHICS

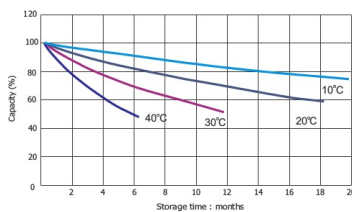
CHARGE CHARACTERISTICS



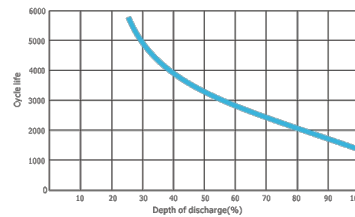
DISCHARGE CHARACTERISTIC 25oC



SELF DISCHARGE CHARACTERISTICS



FLOAT VOLTAGE VS FLOAT LIFE



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

F.V / Time	10MIN		15MIN		30MIN		1HR		3HR		5HR		10HR	
1.90 V	708A	1367W	688A	1333W	643A	1253W	543A	1066W	392A	780W	290A	581W	172A	347W
1.85 V	1110A	2073W	1016A	1907W	875A	1654W	692A	1321W	465A	906W	335A	659W	188A	375W
1.80 V	1447A	2634W	1312A	2400W	1058A	1953W	841A	1568W	515A	982W	350A	673W	200A	382W
1.75 V	1534A	2747W	1441A	2594W	1242A	2258W	915A	1683W	529A	994W	357A	677W	202A	389W
1.70 V	1669A	2948W	1583A	2810W	1364A	2447W	967A	1755W	539A	1001W	363A	681W	206A	393W