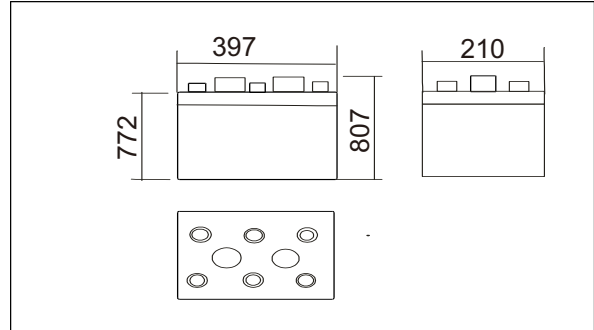




16OPzV2000(2V2000AH)



Outer dimensions (mm)



Features

- Excellent high temperature performance;
- Excellent cycling performance;
- High strength ABS material;
- Plates: large capacity and thick plate structure design;
- Separator: glass fiber with high adsorption and high stability;

Applications

- High temperature environment(35-70°C) ;
- Telecom&UPS;
- Solar and energy systems.

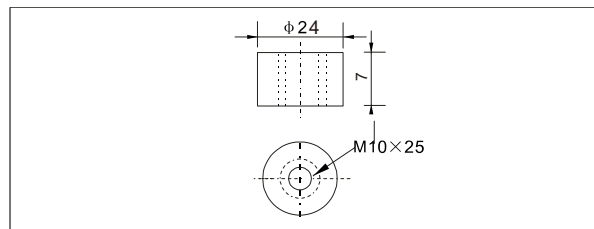
International standards

- GB/T 22473 - 2008;
- JIS C8704-1 : 2006 ;
- IEC 60896-21/22: 2004 ;
- Passed ISO9001, ISO14001,
- OHSAS18001, UL, CE, CGC.

Specifications

Nominal Voltage		2V
Rated capacity(10 hour rate)		2000Ah
Dimensions	Total Height	807mm(20.5 inches)
	Height	772mm(30.4 inches)
	Length	397mm(15.6 inches)
	Width	210mm(8.27 inches)
Weight approx		153 kg(337.2 lbs)

Terminal (mm)



Characteristics

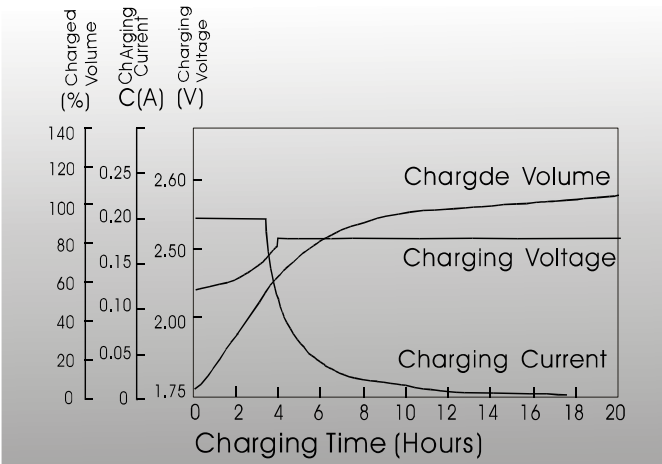
Capacity 25°C(77°F)	10 hour rate(200 A) 5 hour rate(363.3A) 1 hour rate(1050A)	2000AH 1816.5AH 1050AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.36mΩ
Capacity affected by Temperature (10hour rate)	40°C(104°F) 25°C(77°F) 0°C(32°F) -15°C(5°F)	102% 100% 85% 65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal quantity	6	
Charge (constant Voltage)	Initial Charging Current less than 375 A Voltage 2.25-2.40V	
Design Life	20 Year	

Constant Current(Amp) and Constant Power(Watt) Discharge Table at 25°C (72°F)

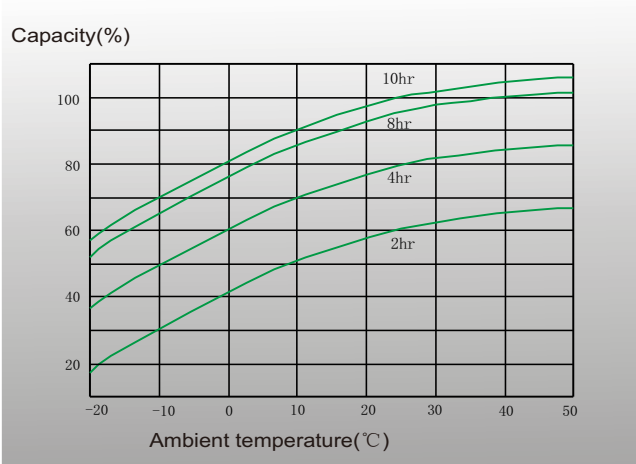
Time		30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	20hr	24hr	48hr	100hr
1.65V	A	1740.0	1150.0	753.3	590.0	406.7	329.0	266.7	233.3	120.3	99.7	53.3	26.3
	W	3650	2350	1683	1180	763	730	603	450	227	204	135	70
1.70V	A	1690.0	1100.0	710.0	556.7	383.3	311.0	255.7	220.0	117.7	99.3	53.0	26.2
	W	3430	2280	1650	1140	750	707	580	437	224	202	135	70
1.75V	A	1600.0	1050.0	670.0	530.0	363.3	295.7	244.3	210.0	114.0	99.0	52.3	26.0
	W	3137	2220	1607	1103	740	687	560	420	222	200	134	69
1.80V	A	1540.0	1000.0	633.3	500.0	340.0	282.3	235.7	200.0	108.0	98.7	52.0	25.8
	W	2790	2080	1570	1060	720	660	540	410	220	198	134	69
1.85V	A	1450.0	950.0	603.3	470.0	326.7	269.0	222.0	189.0	102.0	94.0	51.7	25.8
	W	2420	2030	1490	1007	690	630	517	390	208	189	134	69



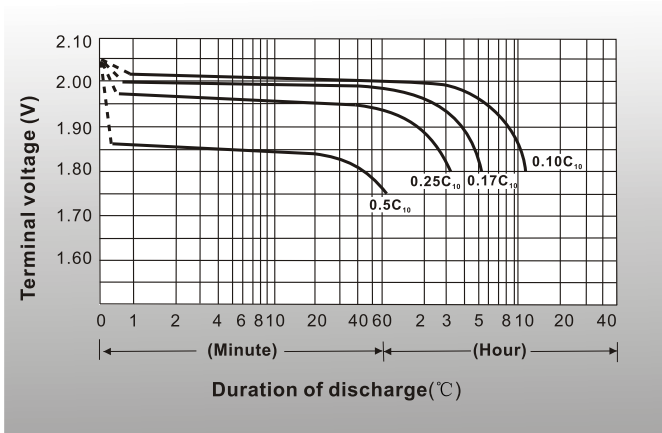
● Charging characteristics(25°C)



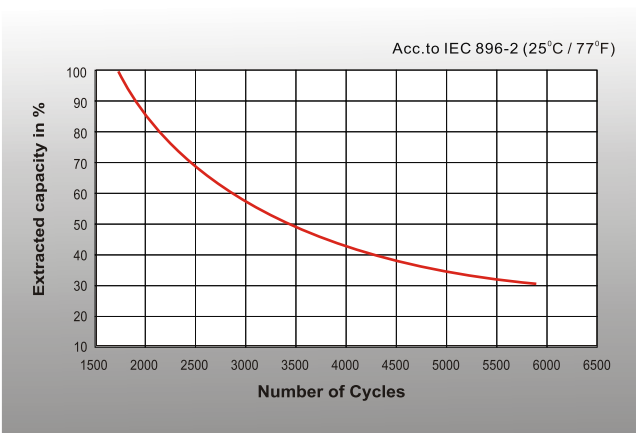
● Curves of discharge capacity and ambient temperature



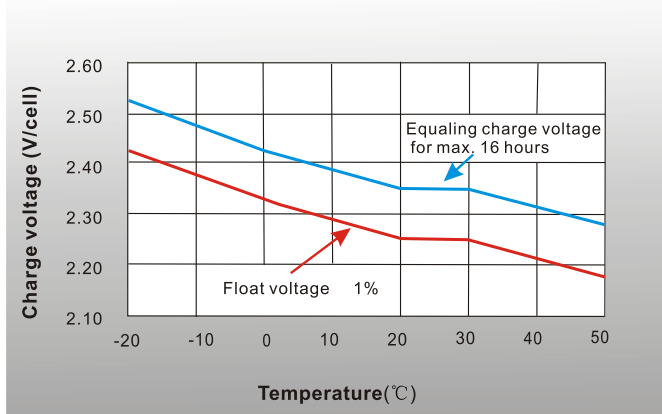
● Discharge characteristics 77° F(25°C)



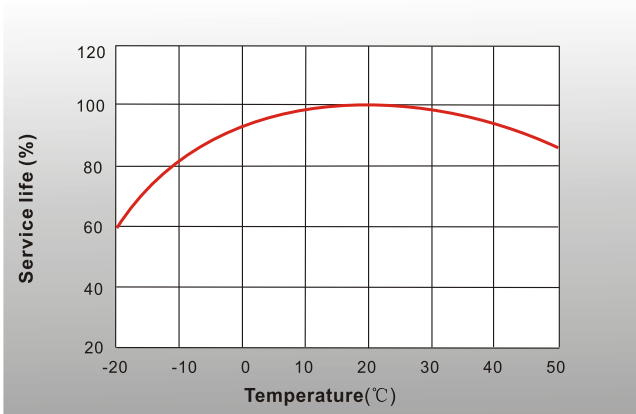
● Cycle life in relation to depth of discharge



● Charge voltage vs Ambient temperature curve



● Service life vs Ambient temperature



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