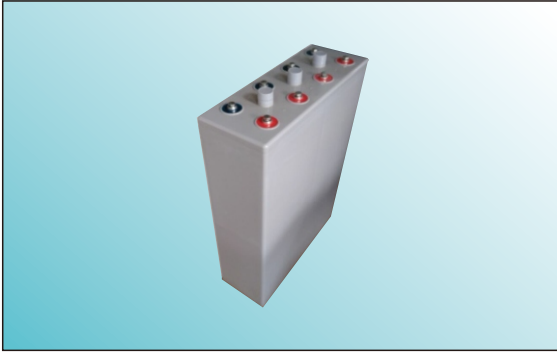




200PzV2500(2V2500AH)



● 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.

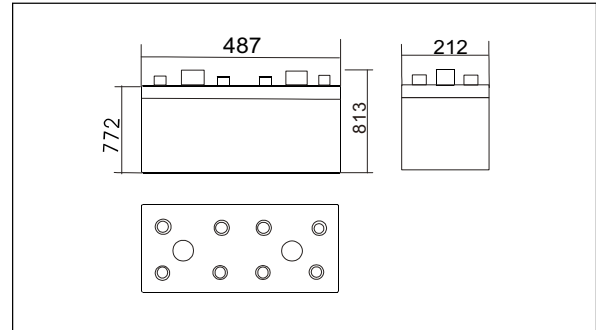
● International standards

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

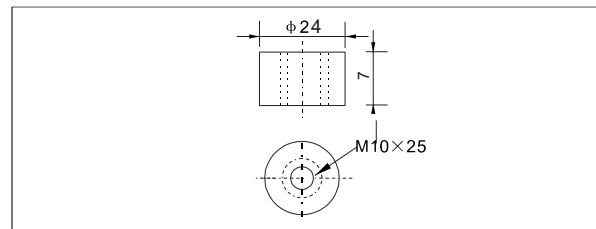
● Specifications

Nominal Voltage		2V
Rated capacity(10 hour rate)		3000Ah
Dimensions	Total Height	813mm(31.9 inches)
	Height	772mm(30.4 inches)
	Length	487mm(19.2 inches)
	Width	212mm(8.35 inches)
Weight approx		193 kg(424.6 lbs)

● Outer dimensions (mm)



● Terminal Type (mm)



● Characteristics

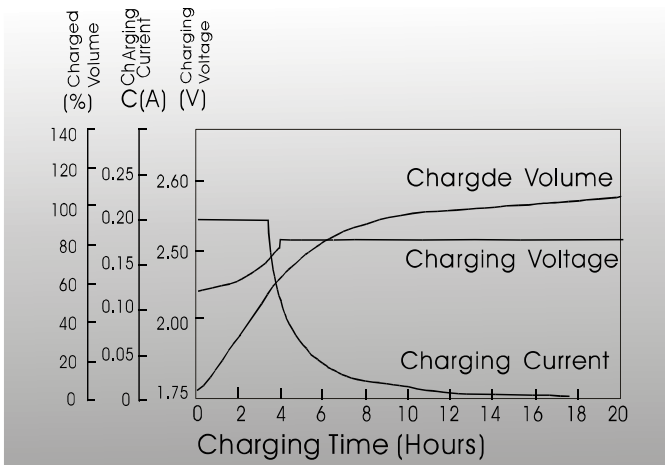
Capacity 25°C(77°F)	10 hour rate(250 A) 5 hour rate(454.2A) 1 hour rate(1312.5A)	2500AH 2271AH 1312.5AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.40mΩ
Capacity affected by Temperature (10hour rate)	40°C(104°F) 25°C(77°F) 0°C(32°F) -15°C(5°F)	102% 100% 85% 65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after 12 month storage	91% 82% 64%
Terminal quantity	8	
Charge (constant Voltage)	Initial Charging Current less than 500 A Voltage 2.25-2.40V	
Design Life	20 Year	

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

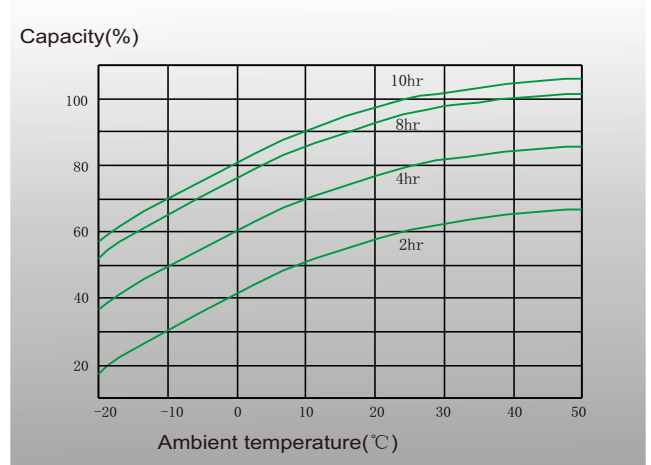
Time		30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	20hr	24hr	48hr	100hr
1.65V	A	2175.0	1437.5	941.7	737.5	508.3	411.3	333.3	291.7	150.4	124.6	66.7	32.8
	W	4563	2938	2104	1475	954	913	754	563	283	255	169	88
1.70V	A	2112.5	1375.0	887.5	695.8	479.2	388.8	319.6	275.0	147.1	124.2	66.3	32.8
	W	4288	2850	2063	1425	938	883	725	546	280	253	168	87
1.75V	A	2000.0	1312.5	837.5	662.5	454.2	369.6	305.4	262.5	142.5	123.8	65.4	32.5
	W	3921	2775	2008	1379	925	858	700	525	278	250	168	87
1.80V	A	1925.0	1250.0	791.7	625.0	425.0	352.9	294.6	250.0	135.0	123.3	65.0	32.3
	W	3488	2600	1963	1325	900	825	675	513	275	248	168	86
1.85V	A	1812.5	1187.5	754.2	587.5	408.3	336.3	277.5	236.3	127.5	117.5	64.6	32.2
	W	3025	2538	1863	1258	863	788	646	488	260	236	167	86



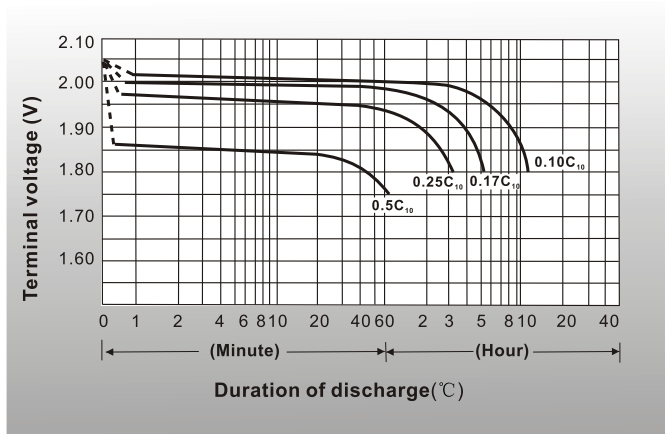
● Charging characteristics(25°C)



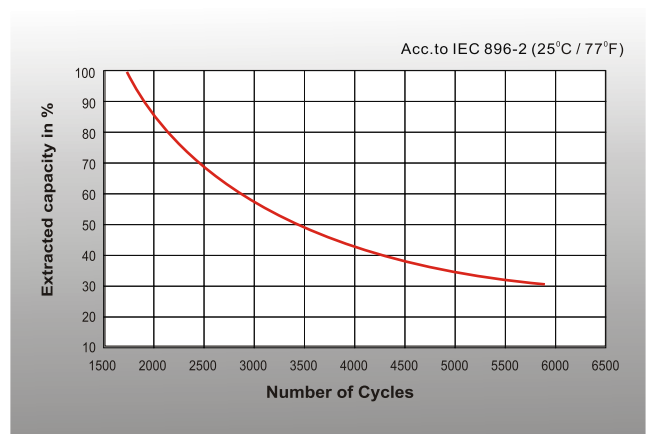
● Curves of discharge capacity and ambient temperature



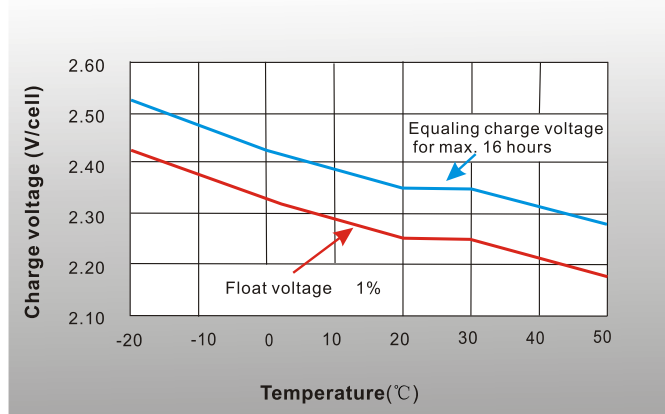
● Discharge characteristics 77° F(25°C)



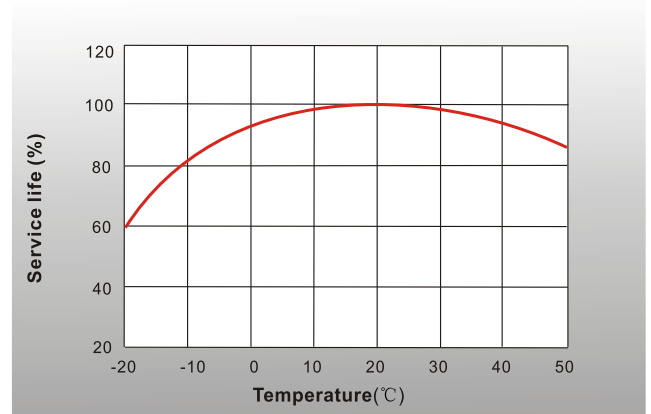
● Cycle life in relation to depth of discharge



● Charge voltage vs Ambient temperature curve



● Service life vs Ambient temperature



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