



6OPzV600(2V600AH)



● Features

- Excellent high temperature performance;
- Excellent cycling performance;
- High strength ABS material;
- Patas: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.

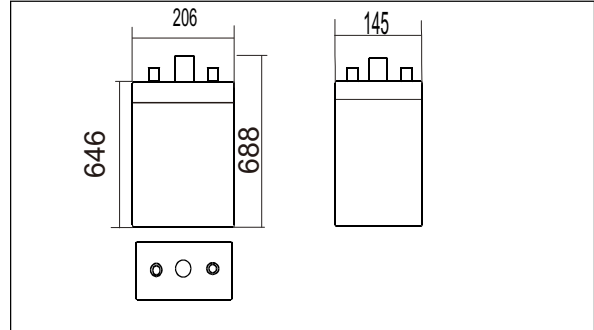
● International standards

- GB/T 22473 - 2008;
- JIS C8704-1 : 2006 ;
- IEC 60896-21/22 : 2004 ;
- Passed ISO9001、 ISO14001、
- OHSA18001、 UL、 CE、 CGC.

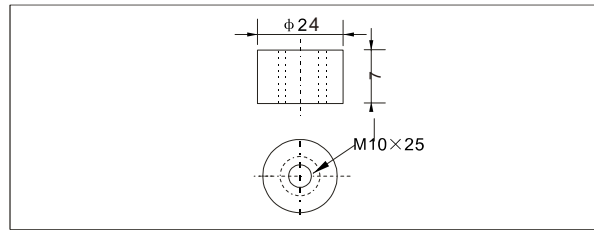
● Specifications

NominalVoltage		2V
Ratedcapacity(10 hourrate)		600Ah
Dimensions	TotalHeight	688mm(27.1inches)
	Height	646mm(25.4inches)
	Length	145mm(5.72 inches)
	Width	206mm(8.11 inches)
Weight approx		47 kg (103.4lbs)

● Outer dimensions (mm)



● Terminal Type (mm)



● Characteristics

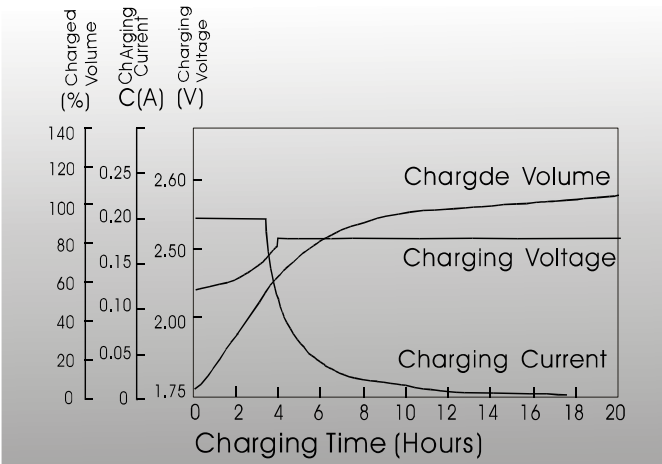
Capacity 25°C(77°F)	10 hour rate(60.0 A) 5 hour rate(109A) 1 hour rate(315A)	600AH 545AH 315AH
Internal Resistance	Full charged Battery at 25°C(77°F)	0.19 mΩ
Capacity affected by Temperature (10hour rate)	40°C(104°F) 25°C(77°F) 0°C(32°F) -15°C(5°F)	102% 100% 85% 65%
Self-Discharge at 25°C(77°F)	Capacity after 3 month storage Capacity after 6 month storage Capacity after12 month storage	91% 82% 64%
Terminal quantity	2	
Charge (constant Voltage)	Initial Charging Current less than 150 A Voltage 2.25-2.40V	
Design Life	20 Year	

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

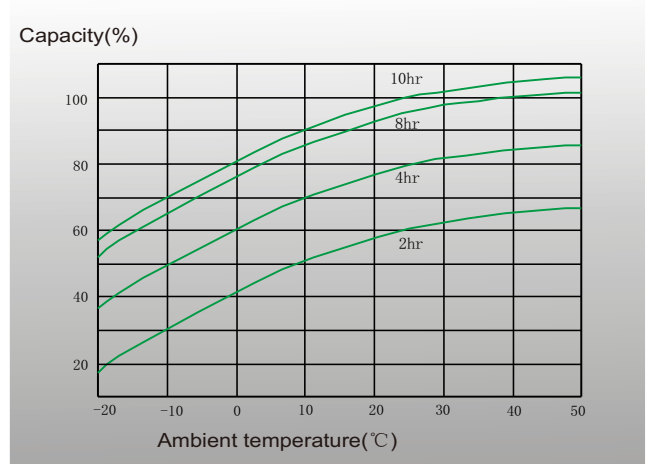
Time		30min	1hr	2hr	3hr	5hr	6hr	8hr	10hr	20hr	24hr	48hr	100hr
1.65V	A	522.0	345.0	226.0	177.0	122.0	98.7	80.0	70.0	36.1	29.9	16.0	7.9
	W	1095	705	505	354	229	219	181	135	68	61	41	21
1.70V	A	507.0	330.0	213.0	167.0	115.0	93.3	76.7	66.0	35.3	29.8	15.9	7.9
	W	1029	684	495	342	225	212	174	131	67	61	40	21
1.75V	A	480.0	315.0	201.0	159.0	109.0	88.7	73.3	63.0	34.2	29.7	15.7	7.8
	W	941	666	482	331	222	206	168	126	67	60	40	21
1.80V	A	462.0	300.0	190.0	150.0	102.0	84.7	70.7	60.0	32.4	29.6	15.6	7.8
	W	837	624	471	318	216	198	162	123	66	59	40	21
1.85V	A	435.0	285.0	181.0	141.0	98.0	80.7	66.6	56.7	30.6	28.2	15.5	7.7
	W	726	609	447	302	207	189	155	117	62	57	40	21



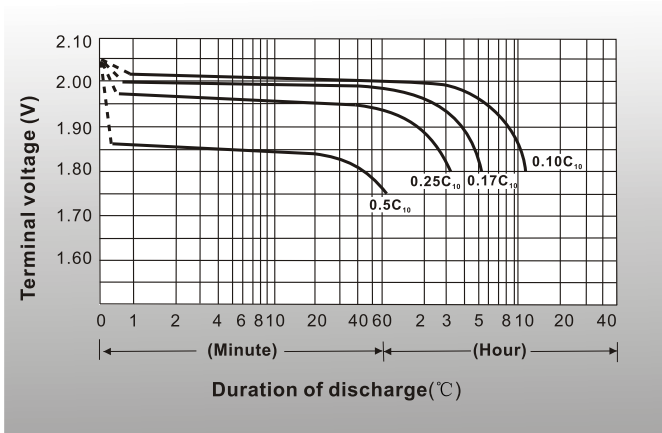
● Charging characteristics(25°C)



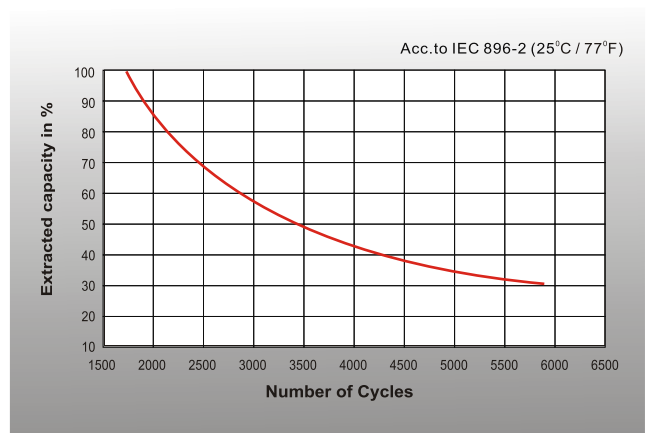
● Curves of discharge capacity and ambient temperature



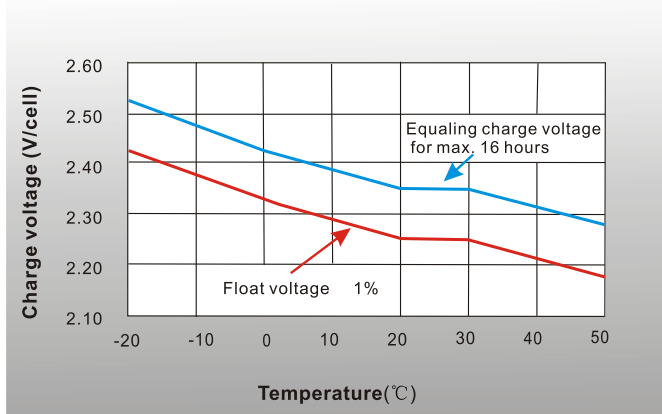
● Discharge characteristics 77° F(25°C)



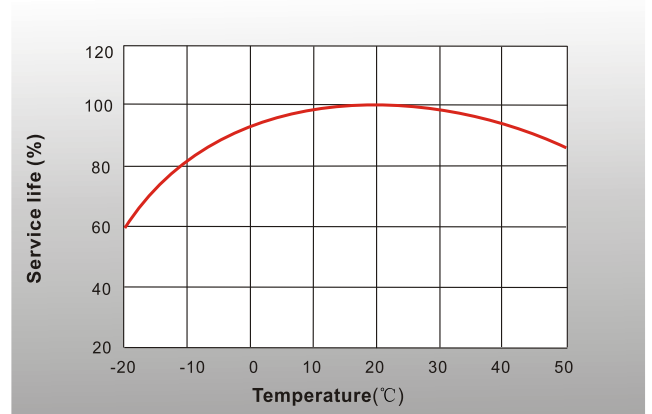
● Cycle life in relation to depth of discharge



● Charge voltage vs Ambient temperature curve



● Service life vs Ambient temperature



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