

JL2-1200

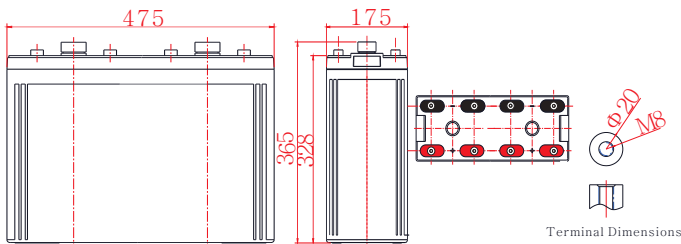


General Features

- > High corrosion resistant performance: Pb-Ca multi-alloy grid
- > Long life
- > Excellent charge acceptance ability
- > Excellent deep cycle discharge capability
- > Strong high and low temperature performance
- > Precision sealing technology



Dimension: 475(L)×175(W)×328(H)×365(TH) Unit: mm



Applications

- > Telecommunications system
- > Power systems
- > UPS/EPS
- > Auto control system
- > Solar/wind generating storage cyclic
- > Other general purpose

Specification

Nominal Voltage	2V	
Nominal Capacity	1200Ah	
Design life	15 years	
Terminal	M8	
Approx. Weight	Approx 68.0kg (150lbs)	
Container Material	ABS	
Rated Capacity	1200Ah	10Hour Rate (120A to 1.80V)
	924Ah	3Hour Rate (308A to 1.80V)
	691Ah	1Hour Rate (691A to 1.75V)
Internal resistance	Full charged at 25°C: 0.19 mΩ	
Max. Discharge Current	12000A(5S)	
Operating Temperature	Discharge: -20 ~50°C(-4~ 122°F)	
	Charge: -20 ~50°C(-4~ 122°F)	
	Storage: -20 ~50°C(-4~ 122°F)	
Charge current:	Max. 240A ; Recom.120.0A	
Charge Method (25 °C)	Float Charge:2.23-2.27V,recom.2.25V(-3mV/ °C)	
	Equalize charge:2.30-2.35V,recom.2.35V(-4mV/ °C)	
	Cycle charge:2.40-2.50V,recom.2.40V(-5mV/ °C)	
Self discharge	3% of capacity declined per month at 25°C	

Constant Current Discharge Characteristics Unit: A (25°C, 77°F)

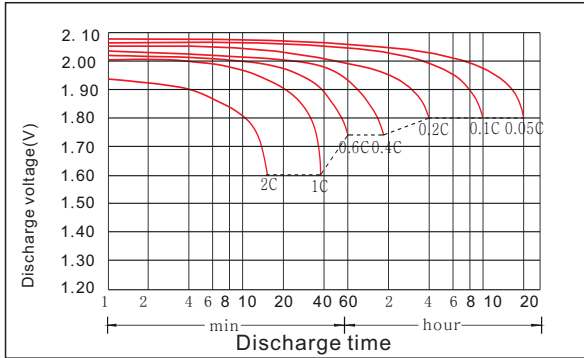
FV/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	1725	1278	800	471	346	233	158	130	69.5
1.65V	1608	1199	759	460	337	227	156	129	68.9
1.70V	1508	1126	725	444	328	225	153	127	67.9
1.75V	1428	1046	691	428	318	219	151	125	66.9
1.80V	1346	979	647	405	308	214	149	120	64.2
1.85V	1193	873	589	377	292	206	144	119	63.6

Constant Power Discharge Characteristics Unit: W/cell (25°C, 77°F)

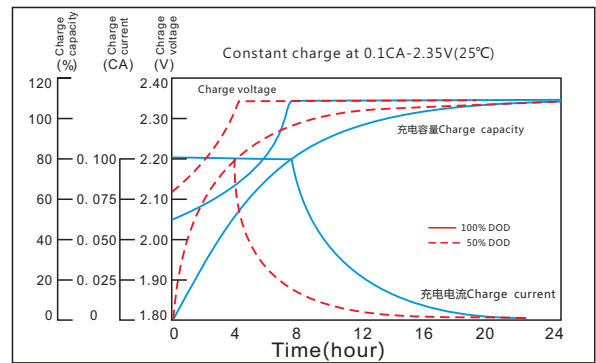
FV/Time	15min	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	2933	2335	1648	990	727	492	333	275	147
1.65V	2814	2244	1523	958	700	476	328	269	144
1.70V	2715	2154	1450	923	674	468	321	261	139
1.75V	2612	2080	1394	889	647	455	309	257	137
1.80V	2490	2007	1312	848	626	442	301	253	135
1.85V	2268	1785	1213	775	593	423	291	243	130

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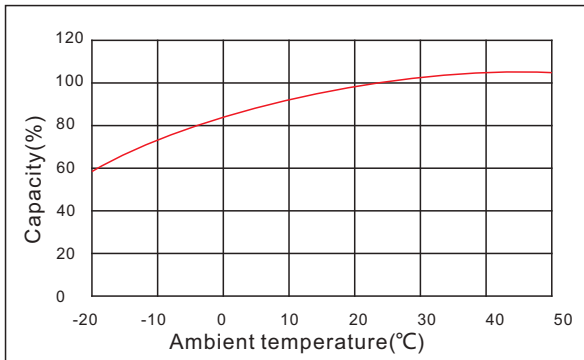
Discharge characteristic



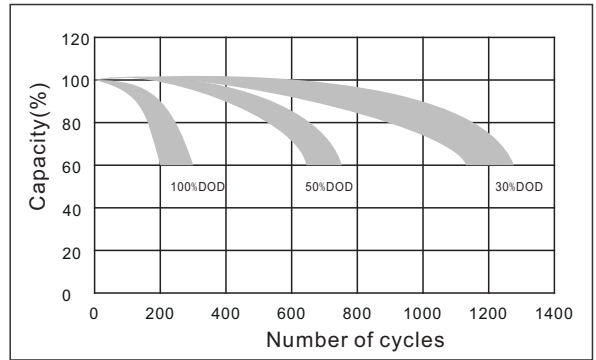
Charging characteristic



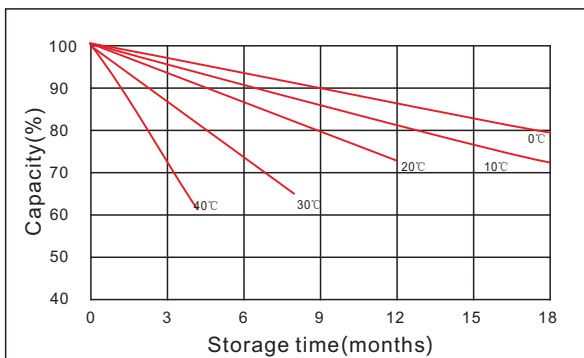
The effect of temperature on capacity



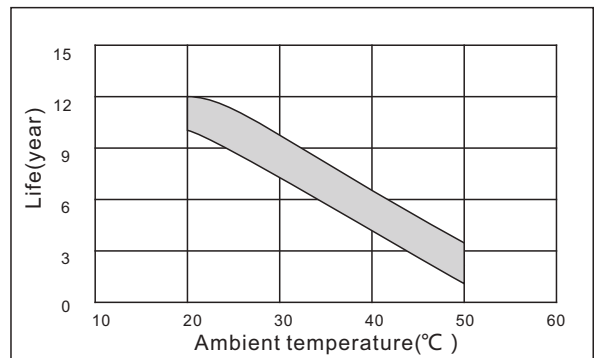
The effect of discharge depth on cycle life



Curves of self-discharge



The effect of temperature on float life



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