



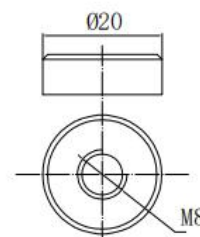
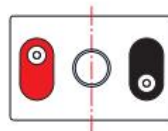
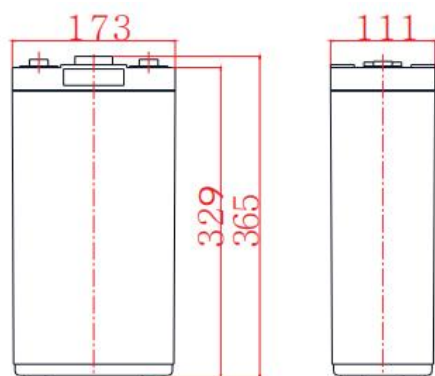
JL Series lead-acid battery JL2-200C

General Features

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



Dimension:173(L)×111(W) ×329(H)×365(TH)/(±3) Unit: mm



Terminal Dimensions

Specification

Nominal Voltage	2V
Nominal Capacity	220Ah@10Hour-rate to 1.80V @25°C
Design life	15 years
Terminal	M8
Approx. Weight	Approx. 13.0kg±3% (28.7lbs±3%)
Container Material	ABS(UL94-HB, UL94-V0 optional)
short-circuit current	2352A
Internal resistance(Full charged at 25°C:)	0.85 mΩ
Self discharge	3% of capacity declined per month at 25°C

Operating Temperature

Discharge:	-20 ~50°C(-4~ 122°F)
Charge :	-20 ~50°C(-4~ 122°F)
Storage:	-20 ~50°C(-4~ 122°F)

Charge Method(25 °C)

Charge current:	Max. 44.0A;Recom.22.0A
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)

Standards

Executive standard YD/T 799-2010

Applications

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

Rated Capacity

10Hour Rate (22.0A to 1.80V)	220Ah
3Hour Rate (51A to 1.80V)	153Ah
1Hour Rate (112A to 1.75V)	112Ah

Attain Certificate

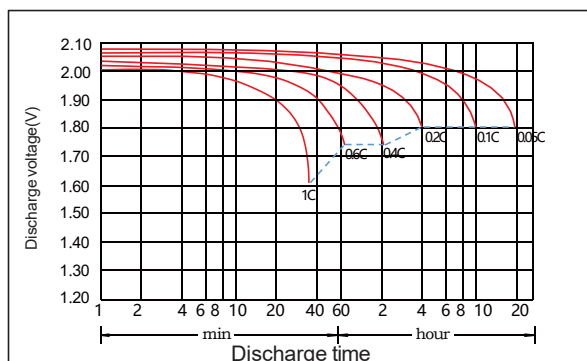
			RoHS

Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

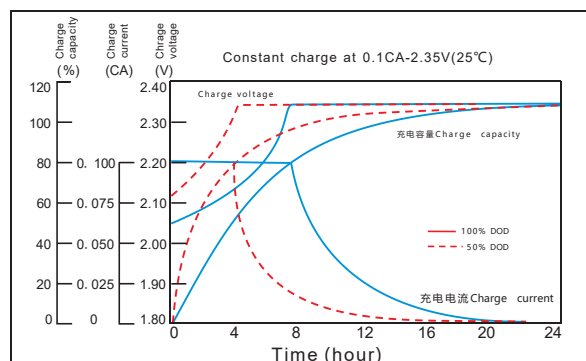


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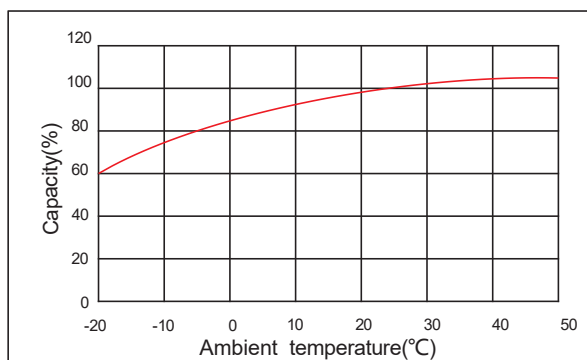
Discharge characteristic



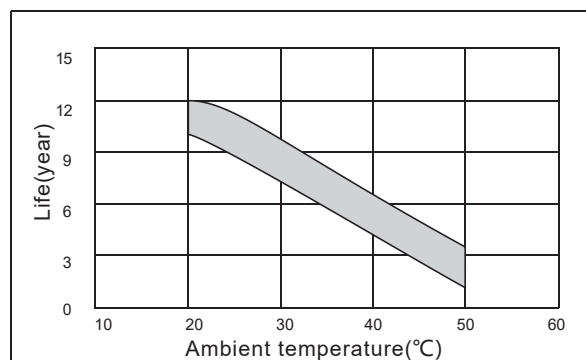
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



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

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	255	167	142	118	90.4	80.2	57.4	43.1	39.6	31.9	26.9	23.8	11.4
1.67V	238	156	136	116	89.1	78.2	55.9	42.7	38.6	31.6	26.5	23.6	11.2
1.70V	220	147	130	114	87.7	75.5	54.3	42	38.3	31.1	26	23.2	11.1
1.75V	202	137	124	112	86.4	72.8	52.6	41.3	37.2	30.6	25.8	22.9	10.9
1.80V	188	128	119	109	83.6	68.7	51	39.8	36.3	29.4	25.2	22	10.5
1.85V	165	114	106	98.6	82.3	64.1	48.4	39.4	35.1	29.1	24.5	21.8	10.2

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

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	449	305	262	221	170	150	108	82.3	75.5	60.9	51.5	46.3	22.2
1.67V	424	286	252	218	167	147	105	80.9	74.1	60.2	50.8	45.8	22
1.70V	396	269	241	213	165	142	102	79.6	72.8	59.4	50	45.2	21.7
1.75V	369	250	231	211	162	137	99.3	78.2	70.7	58.5	49.5	44.4	21.4
1.80V	348	235	220	206	157	129	95.9	76.2	68.7	56.2	48.4	42.8	20.7
1.85V	309	211	199	187	155	120	91.1	74.1	66.6	55.6	47.1	42.5	20.5