



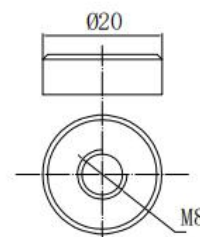
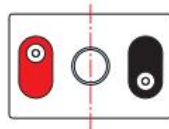
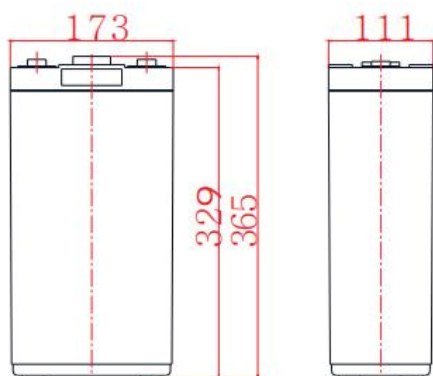
JL Series lead-acid battery JL2-200B

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	200Ah@10Hour-rate to 1.80V @25°C
Design life	15 years
Terminal	M8
Approx. Weight	Approx. 12.8kg ±3%(28.2lbs±3%)
Container Material	ABS(UL94-HB, UL94-V0 optional)
short-circuit current	2500A
Internal resistance(Full charged at 25°C:)	0.80 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. 40.0A;Recom.20.0A
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

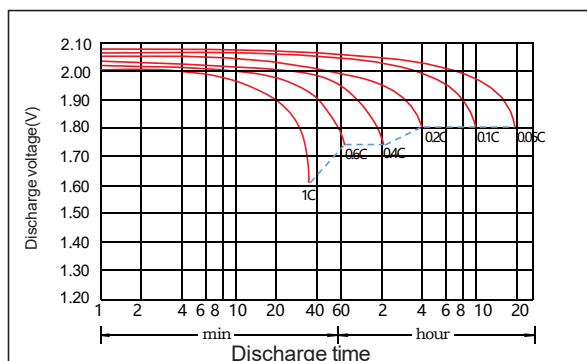
10Hour Rate (20.0A to 1.80V)	200.0Ah
3Hour Rate (50.0A to 1.80V)	150.0Ah
1Hour Rate (110A to 1.75V)	110.0Ah

Attain Certificate

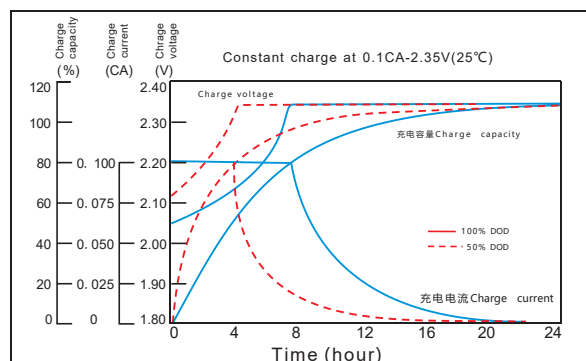
			RoHS

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.

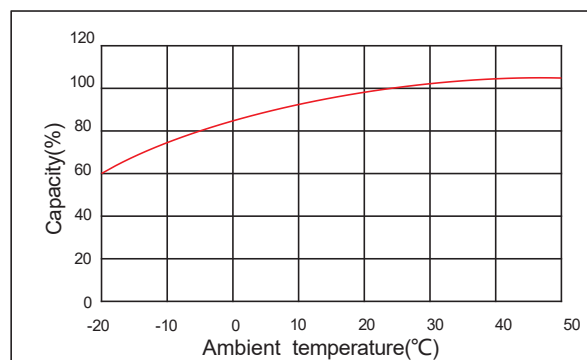
Discharge characteristic



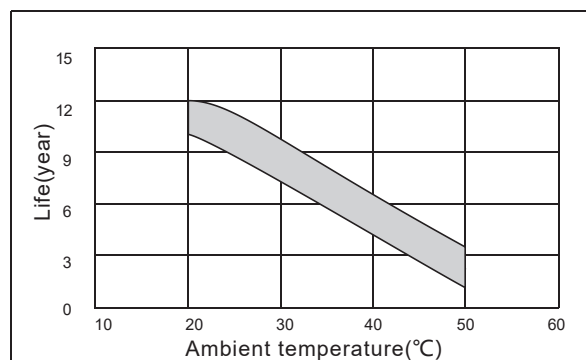
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



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

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	250.0	163.0	139.0	115.0	88.7	78.7	56.2	42.3	38.8	31.3	26.3	21.7	11.10
1.67V	233.0	154.0	133.0	113.0	87.3	76.7	54.8	41.9	37.9	30.9	25.9	21.5	11.00
1.70V	216.0	144.0	127.0	111.0	86.0	74.0	53.3	41.2	37.5	30.5	25.5	21.1	10.90
1.75V	198.0	134.0	122.0	110.0	84.7	71.3	51.6	40.5	36.5	30.0	25.3	20.8	10.70
1.80V	184.0	125.0	117.0	107.0	82.0	67.3	50.0	39.0	35.6	28.9	24.7	20.0	10.30
1.85V	162.0	112.0	104.0	97.0	80.7	62.8	47.5	38.6	34.4	28.5	24.1	19.8	10.00

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

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	441.0	299.0	257.0	217.0	166.0	148.0	106.0	80.7	73.7	59.7	50.6	42.0	21.80
1.67V	416.0	281.0	247.0	213.0	164.0	144.0	103.0	79.5	72.7	59.1	49.8	41.6	21.50
1.70V	388.0	263.0	236.0	209.0	162.0	139.0	100.0	78.1	71.3	58.2	49.0	41.1	21.30
1.75V	362.0	245.0	226.0	207.0	159.0	134.0	97.1	76.7	69.3	57.3	48.5	40.3	21.00
1.80V	341.0	231.0	216.0	202.0	154.0	127.0	94.0	74.9	67.6	55.1	47.5	38.9	20.20
1.85V	303.0	206.0	195.0	183.0	152.0	118.0	89.2	72.7	65.4	54.5	46.2	38.6	20.10