



JPC Series lead-Carbon battery

JPC6-190

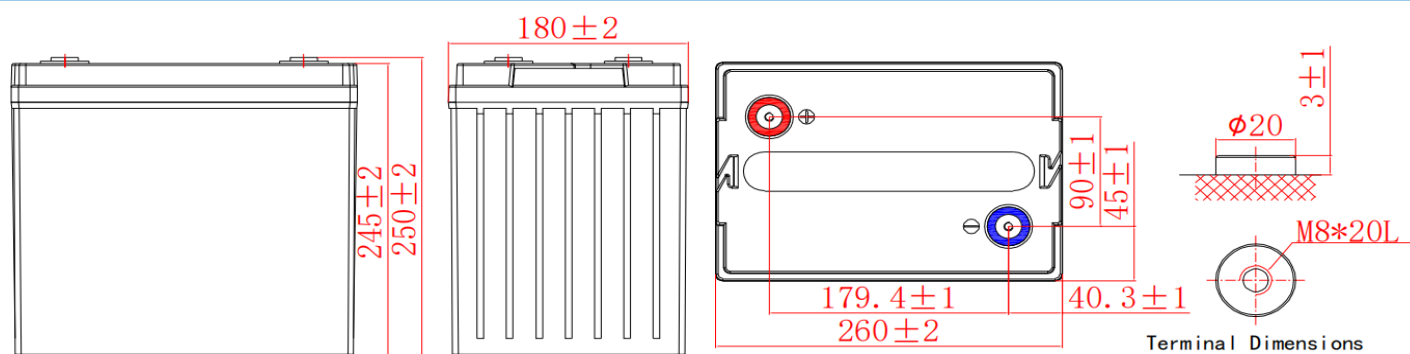
General Features

- Lead-carbon composite negative plate, both capacitance and battery characteristics
- Long cycle life, excellent deep cycle discharge ability
- Excellent charge acceptance ability
- Optimized capability of instant high-current discharging
- Strong high and low temperature performance
- Precision sealing technology



Dimension:260(L)×180(W) ×245(H)×250(TH)

Unit: mm



Specification

Nominal Voltage	6V
Nominal Capacity	190Ah
Design life	15 years
Terminal	M8
Approx. Weight	Approx31.0kg (68.3lbs)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25°C

Rated Capacity

10Hour Rate (21.0A to 10.5V)	210.0Ah
3Hour Rate (63.3A to 10.5V)	190.0Ah
1Hour Rate (157A to 10.5V)	157.0Ah

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)

Max charge current	31.5A
Float Use:	6.75-6.90V@25
Cycle Use :	7.20-7.50V@25

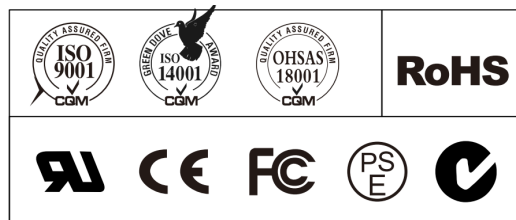
Standards

Executive standard YD/T 799-2010

Applications

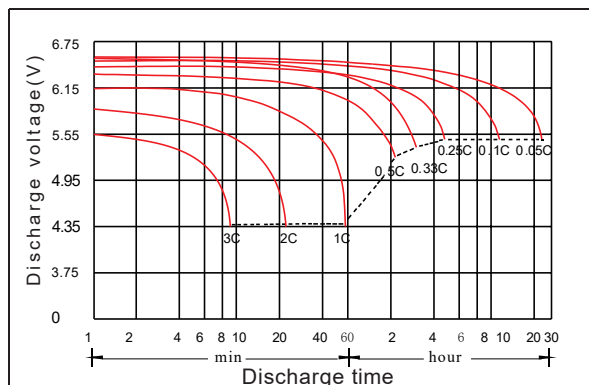
- Solar/ wind energy and other new energy storage
- Hybrid vehicles, electric bicycles and other new energy vehicles
- Other backup or cycle purposes

Attain Certificate

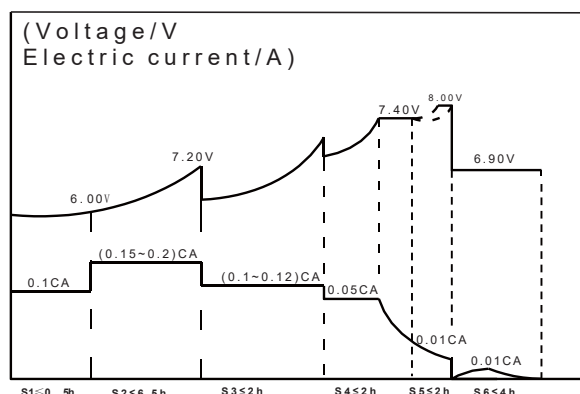


Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

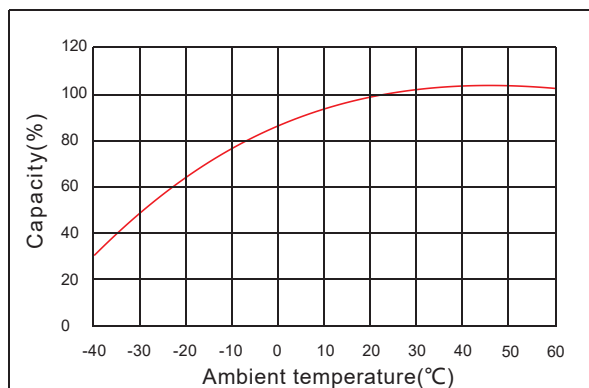
Discharge characteristic



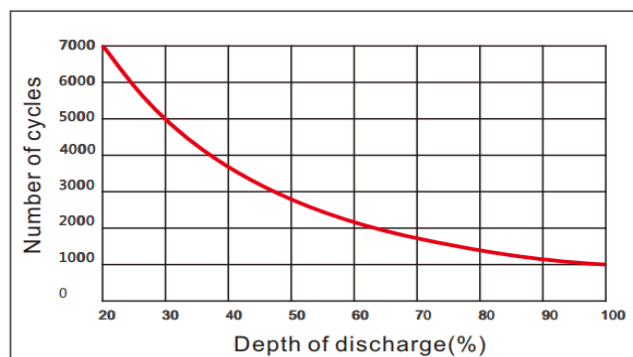
Charging characteristic



The effect of temperature on capacity



The effect of discharge depth on cycle life



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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	294	162	94.7	65.6	41.2	25.6	21.6	11.7
1.65V	288	160	94.2	65.1	41.0	25.4	21.4	11.6
1.70V	282	159	93.4	64.1	40.5	25.2	21.2	11.5
1.75V	280	157	92.0	63.3	40.0	25.0	21.0	11.5
1.80V	268	153	90.4	63.0	39.0	25.0	20.8	11.5
1.85V	244	142	85.7	59.4	37.1	23.8	20.2	11.2

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	531	307	179	125	78.3	49.9	41.6	23.1
1.65V	525	304	178	123	77.8	49.4	41.1	23.0
1.70V	525	301	178	123	77.3	49.2	40.7	22.9
1.75V	522	299	177	122	76.8	49.0	40.4	22.8
1.80V	508	296	176	122	75.9	48.5	40.0	22.7
1.85V	466	275	168	116	72.4	46.9	39.3	22.5