JPC Series lead-Carbon battery

JPC12-56

General Features

▶Lead-carbon composite negative plate, both capacitance and battery characteristics

▶Long cycle life, excellent deep cycle discharge ability

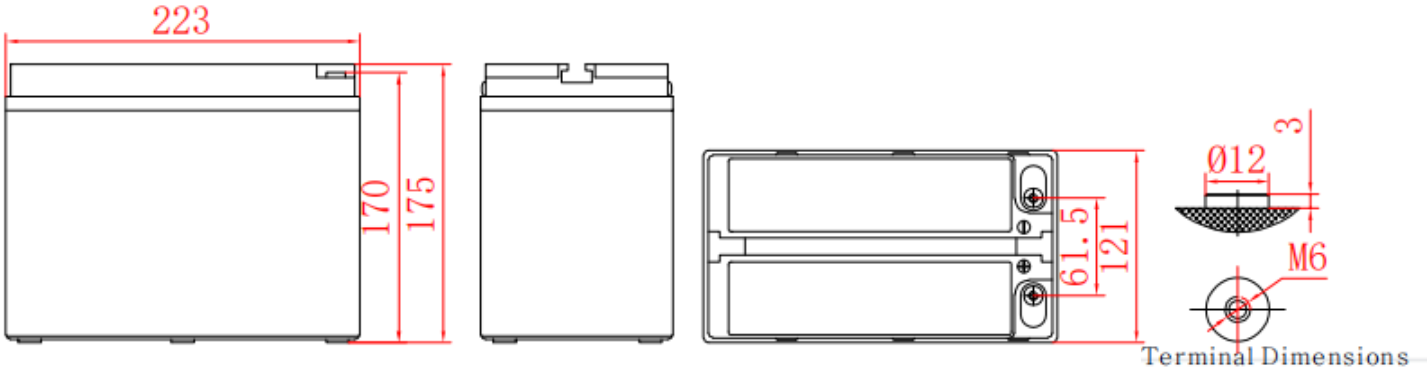
▶Excellent charge acceptance ability

▶Optimized capability of instant high-current discharging

▶Strong high and low temperature performance

▶Precision sealing technology

Dimension:223(L)×121(W) ×175(H)×175(TH) **Unit: mm**



Specification	
Nominal Voltage	12V
Nominal Capacity	56Ah
Design life	15 years
Terminal	M6
Approx. Weight	Approx13.0kg (28.7lbs)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25°C
Rated Capacity	
20Hour Rate (2.80A to 10.5V)	56.0Ah
3Hour Rate (16.0A to 10.5V)	48.0Ah
1Hour Rate (36.5A to 10.5V)	36.5Ah
Operating Temperature	
Discharge:	-20 ~50℃(-4~ 122°F)
Charge :	-20 ~50℃(-4~ 122°F)
Storage:	-20 ~50℃(-4~ 122°F)
Charge Method(25 ℃)	
Max charge current	7.2A
Float Use:	13.7-13.9V@25
Cycle Use :	14.7-14.9V,@25

Standards

Executive standard :GB/T32620-2016

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

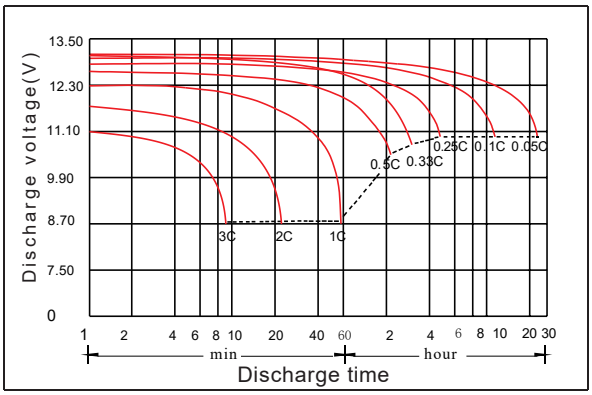
ISO 9001 CQM · ISO 14001 CQM · OHSAS 18001 CQM · RoHS

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.

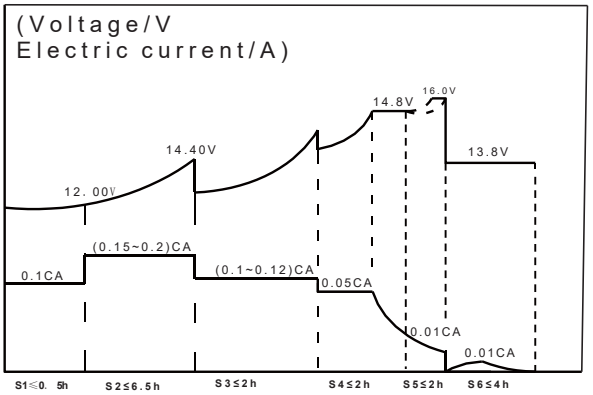
JPC Series lead-Carbon battery

JPC12-56

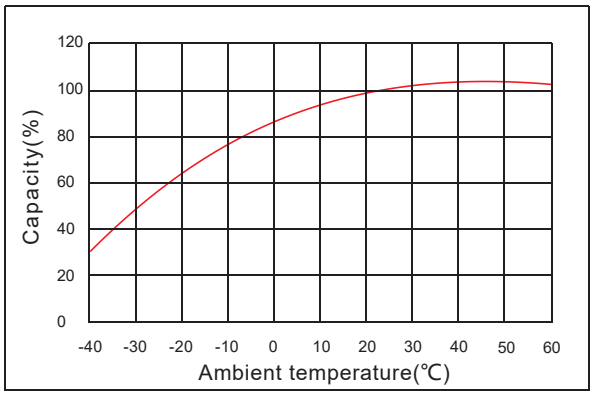
Discharge characteristic



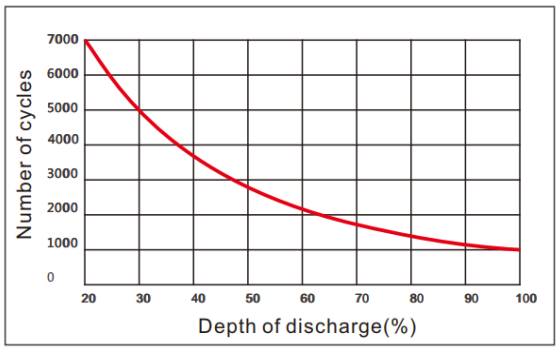
Charging characteristic



The effect of temperature on capacity



The effect of discharge depth on cycle life



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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	56.6	37.6	22.7	16.6	10.3	6.35	5.35	2.86
1.65V	55.5	37.3	22.5	16.5	10.2	6.29	5.30	2.84
1.70V	54.4	37.1	22.3	16.2	10.1	6.24	5.25	2.82
1.75V	54.0	36.5	22.0	16.0	10.0	6.18	5.20	2.80
1.80V	51.7	35.6	21.6	15.9	9.76	6.18	5.15	2.78
1.85V	47.1	33.0	20.5	15.0	9.27	5.89	4.99	2.74

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	102	71.3	42.8	31.6	19.6	12.4	10.3	5.62
1.65V	101	70.6	42.6	31.2	19.5	12.2	10.2	5.60
1.70V	101	70.0	42.5	31.0	19.3	12.2	10.1	5.56
1.75V	101	69.4	42.2	30.8	19.2	12.1	10.0	5.54
1.80V	98.0	68.8	42.1	30.7	19.0	12.0	9.90	5.52
1.85V	89.8	63.8	40.2	29.2	18.1	11.6	9.72	5.46

Jiangxi JingJiu Power Science & Technology Co., LTD.

Add: 1388 Fushan No.1 Street, Xiaolan Economic Development Zone, Nanchang, Jiangxi, China.