

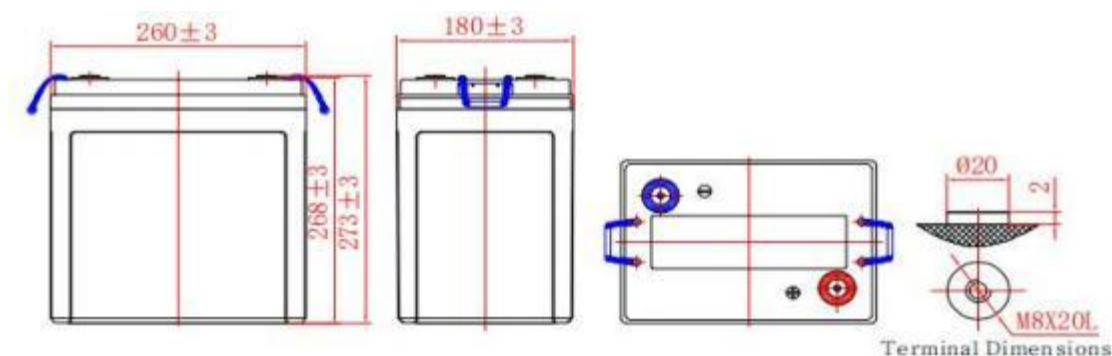


General Features

- High corrosion resistant performance: Pb-Ca multi-alloy grid
- High energy density and power density
- Optimized capability of instant high-current discharging
- Excellent charge acceptance ability
- Strong high and low temperature performance
- Low self-discharge rate



Dimension:260(L)×180(W) ×268(H)×273(TH)/(±3) Unit: mm



Specification

Nominal Voltage	6V
Nominal Capacity	220Ah@3Hour-rate to 1.75V per cell @25℃
Design life	5 years
Terminal	M8
Approx. Weight	Approx. 35.3kg±3% (77.8lbs±3%)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25℃

Rated Capacity

20Hour Rate (13.8A to 10.5V)	276.0Ah
5Hour Rate (47.0A to 10.5V)	235.0Ah
3Hour Rate (73.3A to 10.5V)	220.0Ah

Operating Temperature

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

Charge Method(25 °C)

Max charge current	33.0A
Float Use:	6.75-6.90V@25
Cycle Use :	7.20-7.50V@25

Standards

Executive standard :GB/T32620-2016

Applications

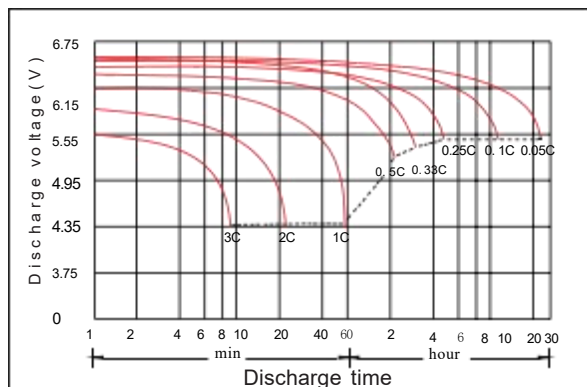
- Electric vehicle
- Electric wheelchair
- Electric scooter
- Electric play car for children
- Garbage truck
- Patrol car

Attain Certificate

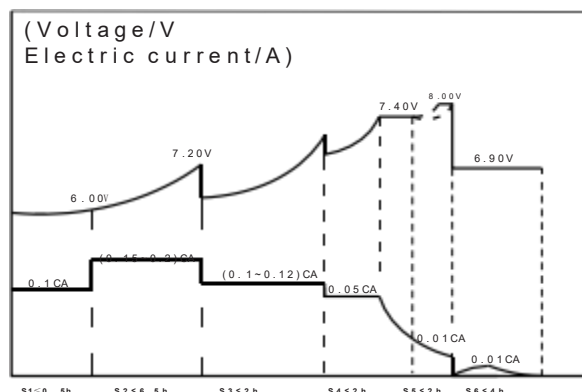




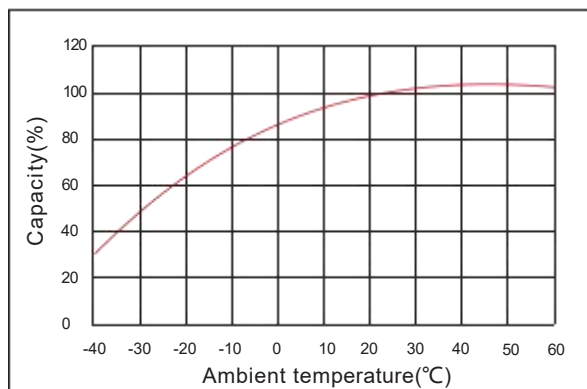
Discharge characteristic



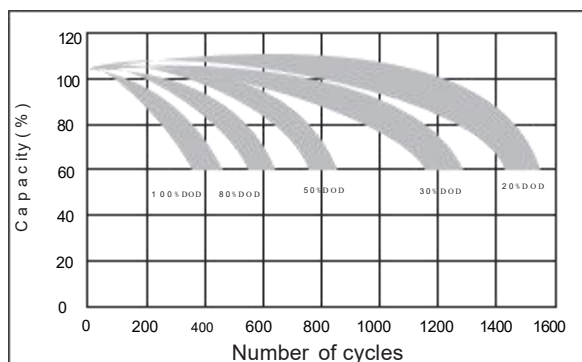
Charging characteristic



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	325.0	192.0	102.0	76.0	48.4	31.9	27.0	14.0
1.65V	319.0	191.0	101.0	75.4	48.1	31.7	26.7	13.9
1.70V	313.0	190.0	100.0	74.2	47.6	31.4	26.4	13.9
1.75V	310.0	187.0	99.0	73.3	47.0	31.0	26.2	13.8
1.80V	297.0	182.0	97.2	73.0	45.9	31.0	26.0	13.7
1.85V	271.0	169.0	92.3	68.8	43.5	29.6	25.2	13.5

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	601.3	364.8	195.8	145.9	93.0	61.2	51.8	26.9
1.65V	590.2	362.9	193.9	144.8	92.4	60.8	51.4	26.7
1.70V	579.1	361.0	192.0	142.5	91.4	60.2	50.8	26.7
1.75V	573.5	355.3	190.1	140.7	90.2	59.6	50.4	26.5
1.80V	549.5	345.8	186.6	140.2	88.1	59.6	49.9	26.3
1.85V	501.4	321.1	177.2	132.1	83.6	56.8	48.3	25.9