



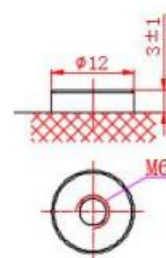
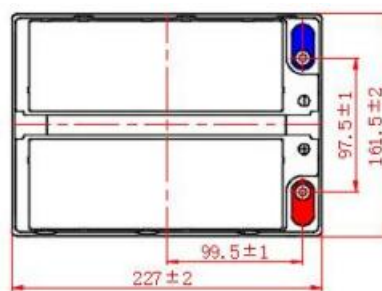
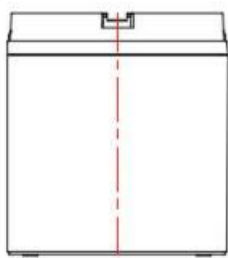
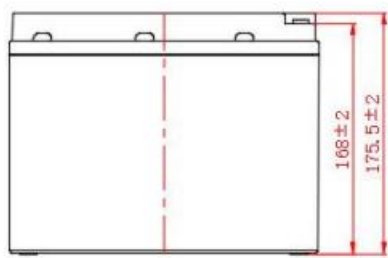
General Features

- ▶ 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: 227(L) × 161.5(W) × 175.5(H) × 175.5(TH)

Unit: mm



Specification

Nominal Voltage	12V
Nominal Capacity	63Ah@3Hour-rate to 1.75V per cell @25°C
Design life	5 years
Terminal	M6
Approx. Weight	Approx 17.1kg±3% (37.7lbs±3%)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25°C

Rated Capacity

20Hour Rate (3.85A to 10.5V)	77.0Ah
5Hour Rate (13.6A to 10.5V)	68.0Ah
3Hour Rate (21.0A to 10.5V)	63.0Ah

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	9.3A
Float Use:	13.7-13.9V@25
Cycle Use :	14.7-14.9V,@25

Standards

Executive standard :GB/T32620-2016

Applications

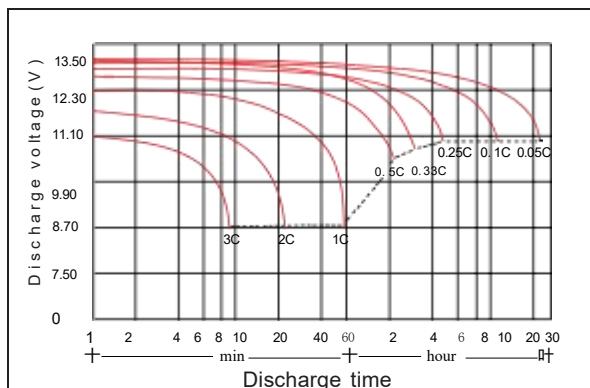
- ▶ Electric vehicle
- ▶ Electric wheelchair
- ▶ Electric scooter
- ▶ Electric play car for children
- ▶ Garbage truck
- ▶ Patrol car

Attain Certificate

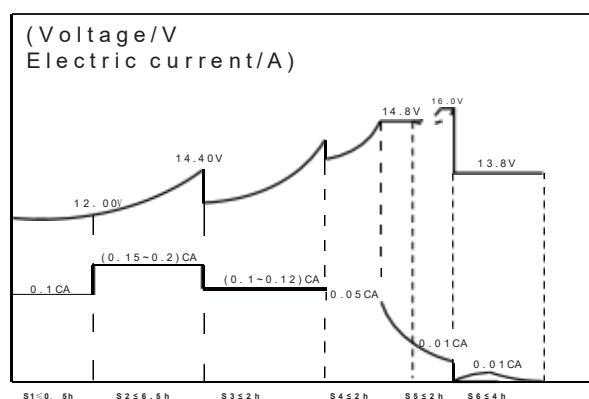




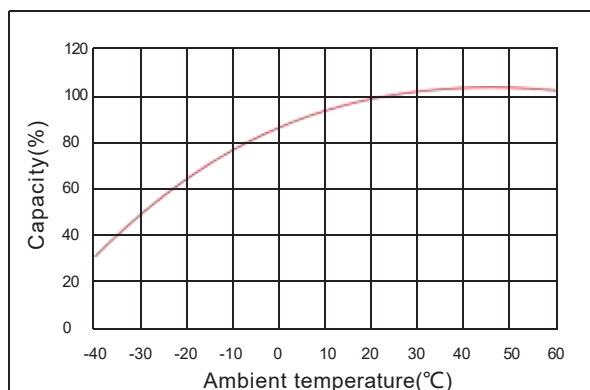
Discharge characteristic



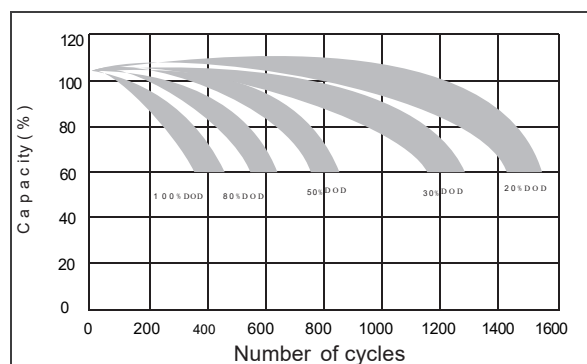
Charging characteristic



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	82.3	53.1	31.4	21.69	14.0	9.08	7.65	3.91
1.65V	80.7	52.8	31.3	21.59	13.9	9.00	7.58	3.89
1.70V	79.1	52.5	30.9	21.17	13.8	8.91	7.51	3.87
1.75V	78.5	51.6	30.5	21.00	13.6	8.84	7.44	3.85
1.80V	75.1	50.3	30.0	20.86	13.3	8.84	7.36	3.83
1.85V	68.6	46.7	28.4	19.73	12.6	8.43	7.15	3.76

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	148.7	100.8	59.3	41.5	26.6	17.66	14.77	7.74
1.65V	146.7	100.0	59.1	40.9	26.5	17.45	14.56	7.71
1.70V	146.7	99.1	58.9	40.7	26.3	17.35	14.36	7.67
1.75V	145.6	98.2	58.5	40.3	26.2	17.35	14.36	7.64
1.80V	142.5	97.3	58.2	40.3	25.9	17.14	14.15	7.60
1.85V	131.2	90.4	55.8	38.3	24.7	16.63	13.94	7.53