

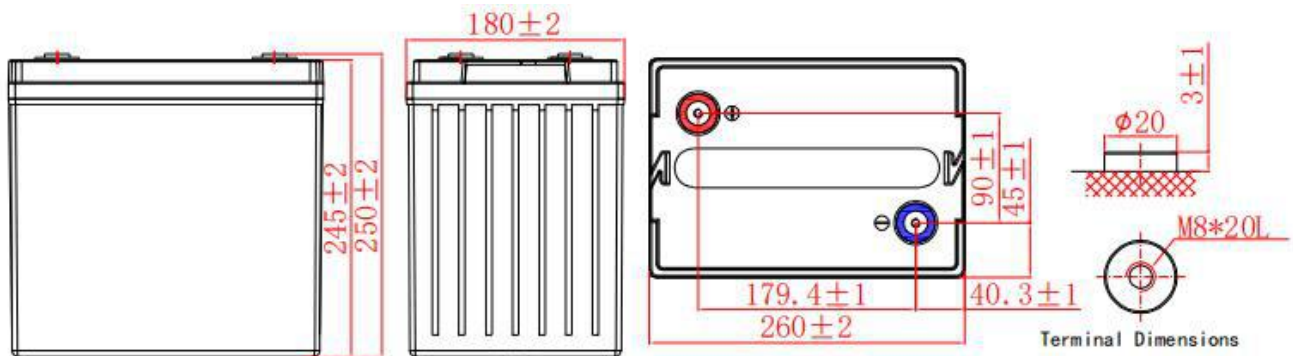
## General Features

- ▶ 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) × 245(H) × 250(TH)**

**Unit: mm**



Specification	
Nominal Voltage	6V
Nominal Capacity	190Ah
Design life	5 years
Terminal	M8
Approx. Weight	Approx 31.0kg (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	28.5A
Float Use:	6.75-6.90V@25
Cycle Use :	7.20-7.50V@25

## Standards

Executive standard :GB/T32620-2016

## Applications

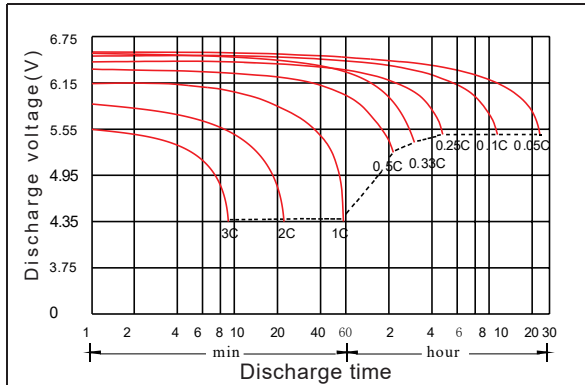
- ▶ Electric vehicle
- ▶ Electric wheelchair
- ▶ Electric scooter
- ▶ Electric play car for children
- ▶ Garbage truck
- ▶ Patrol car

## Attain Certificate

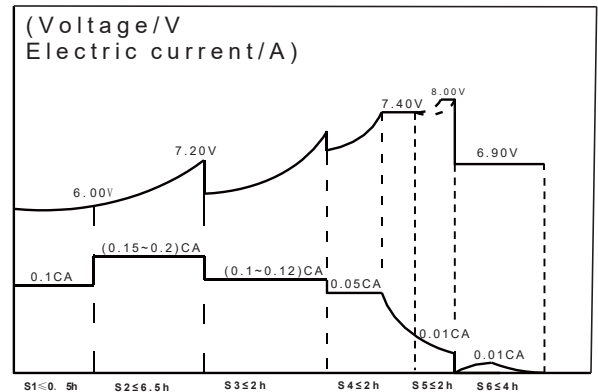




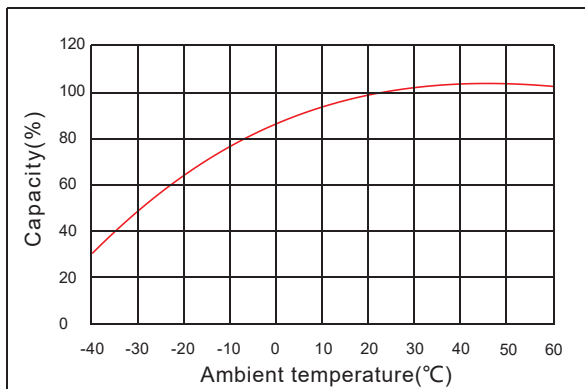
## Discharge characteristic



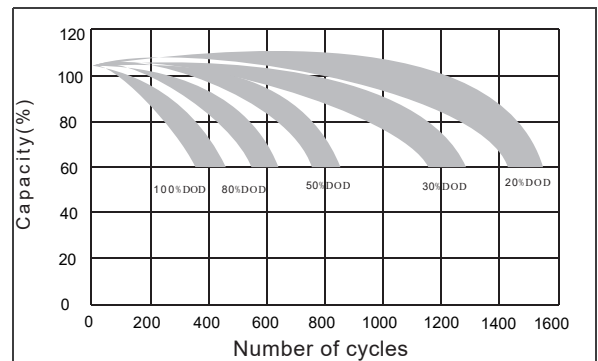
## Charging characteristic



## 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	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