



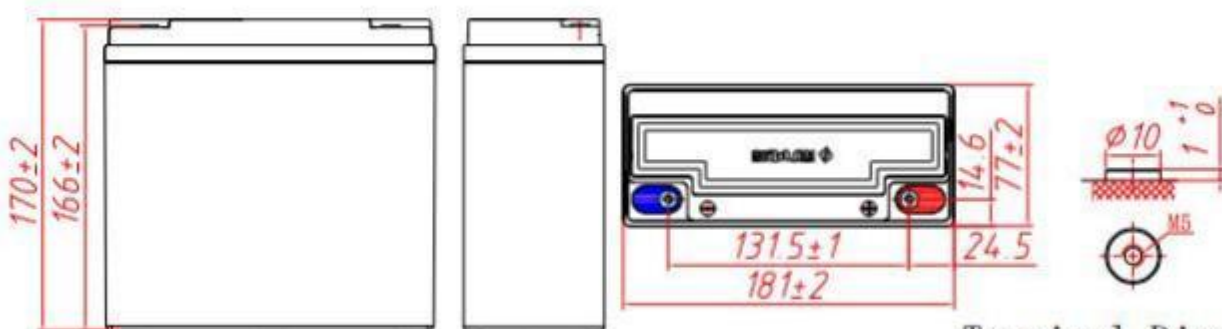
General Features

- ▶ 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:181(L)×77(W) ×170(H)×170(TH)

Unit: mm



Terminal Dimensions

Specification	
Nominal Voltage	12V
Nominal Capacity	20.9Ah@2Hour-rate to 1.75V per cell@25℃
Design life	5 years
Terminal	M5
Approx. Weight	Approx 6.25kg±3% (13.8lbs±3%)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25℃
Rated Capacity	
20Hour Rate (1.28A to 10.5V)	25.6Ah
5Hour Rate (4.62A to 10.5V)	23.1Ah
2Hour Rate (10.5A to 10.5V)	21.0Ah
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	3.14A
Float Use:	13.7-13.9V@25
Cycle Use :	14.7-14.9V,@25

Standards

Executive standard :T/ZJXDC 001-2021

Applications

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

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.

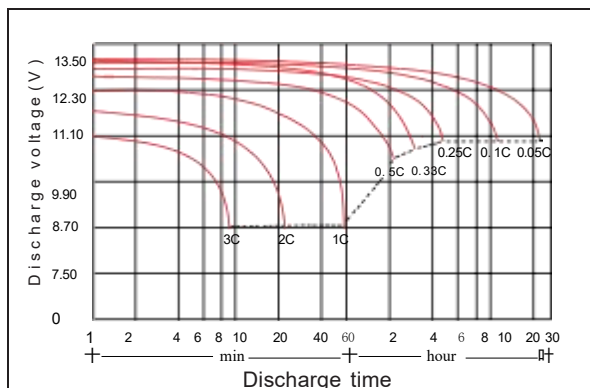


Electric vehicle battery expert

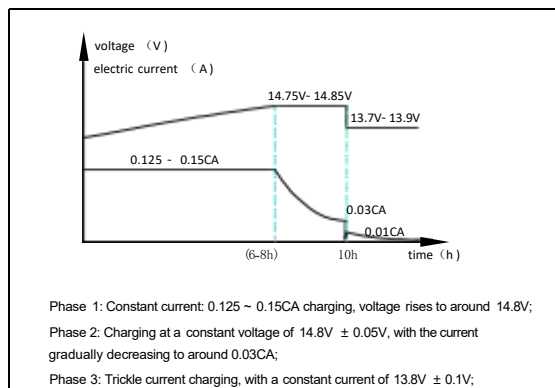
6-DZF-21L



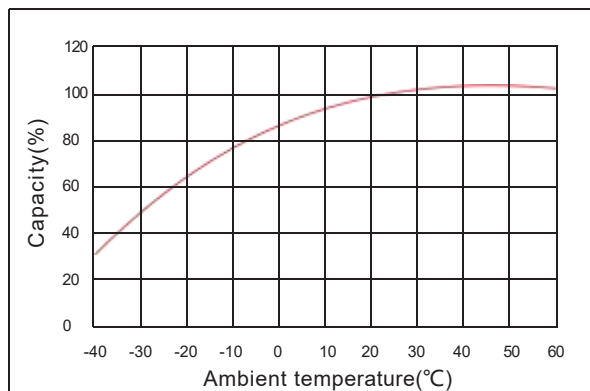
Discharge characteristic



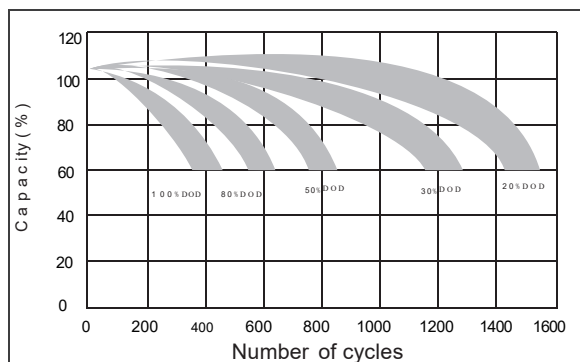
Charging characteristic



The effect of temperature on capacity



The effect of discharge depth on cycle life



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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	29.9	16.7	10.80	7.47	4.76	2.960	2.490	1.300
1.65V	29.3	16.6	10.70	7.41	4.73	2.930	2.470	1.290
1.70V	28.7	16.4	10.60	7.29	4.68	2.900	2.440	1.290
1.75V	28.5	16.2	10.50	7.20	4.62	2.880	2.420	1.280
1.80V	27.3	15.8	10.30	7.17	4.51	2.880	2.400	1.270
1.85V	24.9	14.6	9.73	6.76	4.28	2.740	2.320	1.250

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

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	54.0	31.6	20.30	14.20	9.04	5.750	4.790	2.570
1.65V	53.4	31.4	20.30	14.00	8.99	5.700	4.740	2.560
1.70V	53.4	31.1	20.20	14.00	8.93	5.670	4.690	2.550
1.75V	53.2	30.8	20.10	13.90	8.87	5.640	4.660	2.540
1.80V	51.7	30.5	20.00	13.80	8.76	5.590	4.610	2.520
1.85V	47.4	28.3	19.10	13.20	8.37	5.400	4.530	2.500