



Electric vehicle battery expert

6-DZF-13.3L

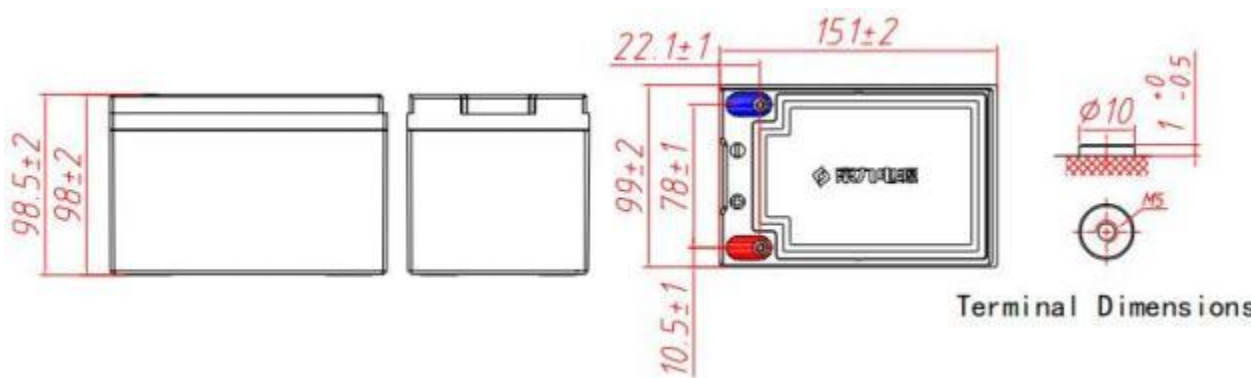
General Features

- 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:151(L)×99(W) ×98(H)×98.5(TH)

Unit: mm



Terminal Dimensions

Specification	
Nominal Voltage	12V
Nominal Capacity	13.3Ah@2Hour-rate to 1.75V per cell@25℃
Design life	5 years
Terminal	M5
Approx. Weight	Approx.4.25kg±3% (9.37lbs±3%)
Container Material	ABS
Self discharge	3% of capacity declined per month at 25℃
Rated Capacity	
20Hour Rate (0.80A to 10.5V)	16.0Ah
5Hour Rate (2.80A to 10.5V)	14.0Ah
2Hour Rate (6.65A to 10.5V)	13.3Ah
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	2.0A
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.

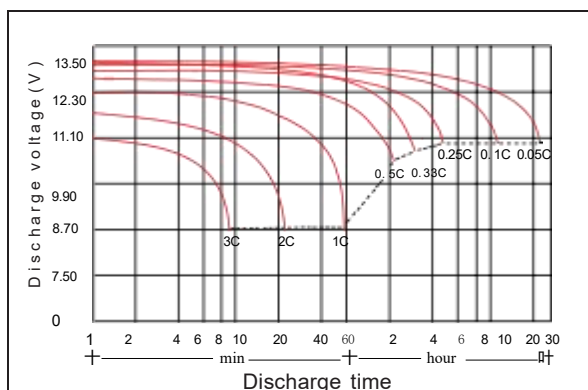


Electric vehicle battery expert

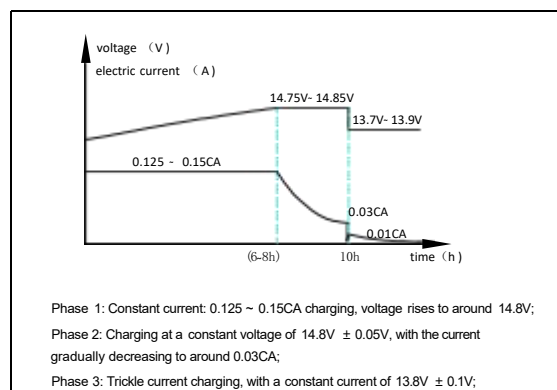
6-DZF-13.3L



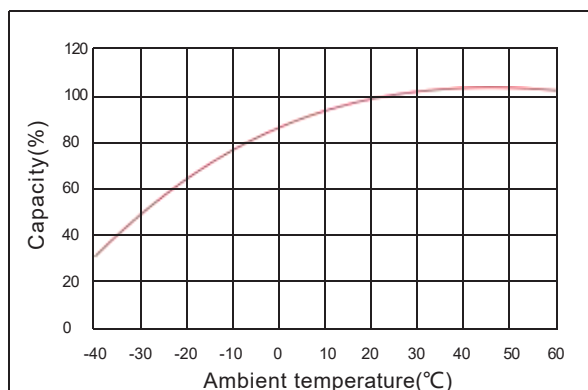
Discharge characteristic



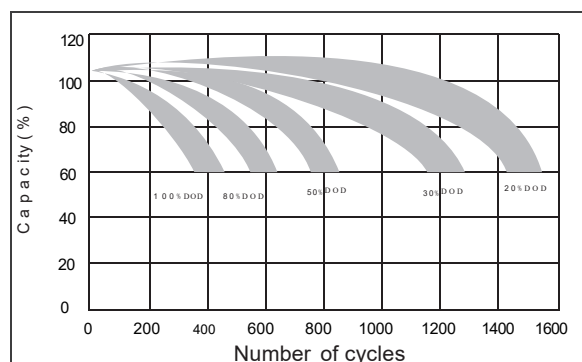
Charging characteristic



The effect of temperature on capacity



The effect of discharge depth on cycle life



Constant Current Discharge Characteristics Unit: A (25 $^{\circ}$ C, 77 $^{\circ}$ F)

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	19.9	12.3	6.85	4.77	2.89	1.770	1.490	0.842
1.65V	19.5	12.3	6.81	4.73	2.87	1.750	1.480	0.839
1.70V	19.2	12.2	6.75	4.66	2.83	1.740	1.460	0.833
1.75V	19.0	12.0	6.65	4.60	2.80	1.720	1.450	0.800
1.80V	18.2	11.7	6.53	4.58	2.73	1.720	1.440	0.790
1.85V	16.6	10.8	6.20	4.32	2.60	1.640	1.390	0.781

Constant Power Discharge Characteristics Unit: W/cell (25 $^{\circ}$ C, 77 $^{\circ}$ F)

FV/Time	30min	1h	2h	3h	5h	8h	10h	20h
1.60V	36.8	23.4	13.15	9.16	5.55	3.398	2.861	1.617
1.65V	36.1	23.4	13.08	9.08	5.51	3.360	2.842	1.611
1.70V	35.5	23.2	12.96	8.95	5.43	3.341	2.803	1.599
1.75V	35.2	22.8	12.77	8.83	5.38	3.302	2.784	1.536
1.80V	33.7	22.2	12.54	8.79	5.24	3.302	2.765	1.517
1.85V	30.7	20.5	11.90	8.29	4.99	3.149	2.669	1.500