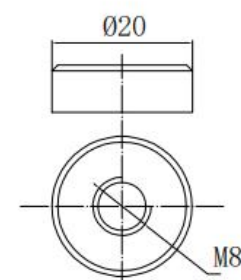
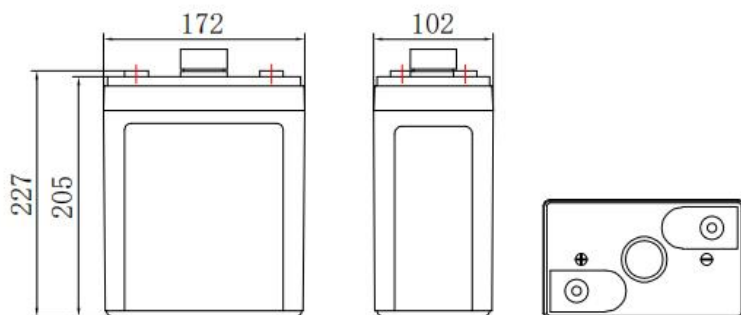


General Features

- High corrosion resistant performance: Pb-Ca multi-alloy grid
- Excellent charge acceptance ability
- Excellent deep cycle discharge capability
- Strong high and low temperature performance
- Precision sealing technology
- Long life



Dimension: 172(L) × 102(W) × 205(H) × 227(TH) / (±3) **Unit:** mm



Terminal Dimensions

Specification

Nominal Voltage	2V
Nominal Capacity	150Ah@10Hour-rate to 1.80V @25°C
Design life	12 years
Terminal	M8
Approx. Weight	Approx. 7.8kg±3% (17.2lbs±3%)
Container Material	ABS(UL94-HB, UL94-V0 optional)
short-circuit current	2222A
Internal resistance(Full charged at 25°C:)	0.90 mΩ
Self discharge	3% of capacity declined per month at 25°C

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)

Charge current:	Max. 30.0A; Recom.15.0A
Float charge:2.23-2.27V	recom.2.25V(-3mV/ °C)
Equalize charge:2.30-2.35V	recom.2.35V(-4mV/ °C)
Cycle charge:2.40-2.50V	recom.2.40V(-5mV/ °C)

Standards

Executive standard YD/T 799-2010

Applications

- UPS/EPS
- Power systems
- Telecommunications system
- Auto control system
- Solar/wind generating storage cyclic
- Other general purpose

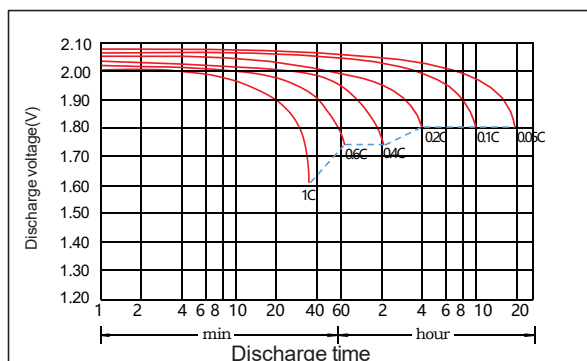
Rated Capacity

10Hour Rate (15.0A to 1.80V)	150.0Ah
3Hour Rate (37.5A to 1.80V)	112.5Ah
1Hour Rate (82.5A to 1.75V)	82.5Ah

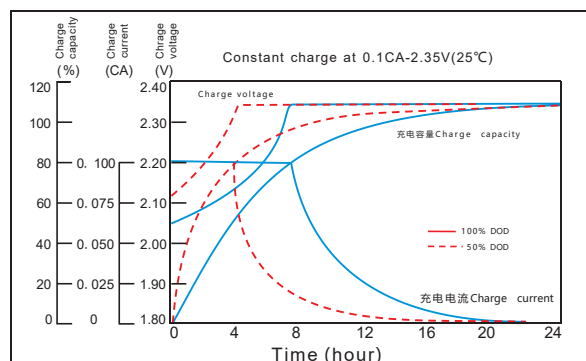
Attain Certificate

  	RoHS
    	

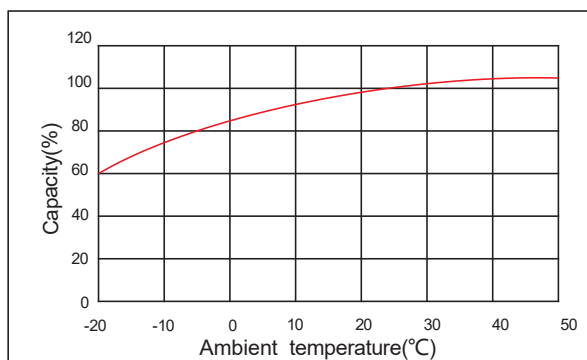
Discharge characteristic



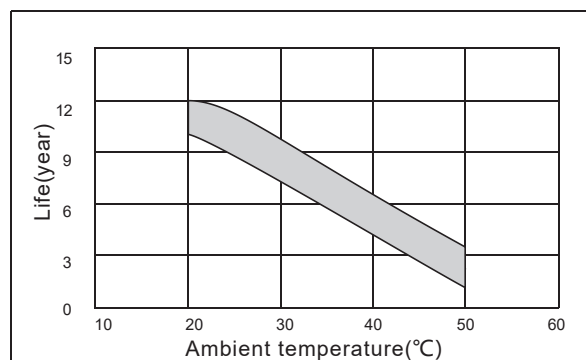
Charging characteristic



The effect of temperature on capacity



The effect of temperature on float life



Constant Current Discharge Characteristics Unit: A (25,77)

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	187.0	122.0	105.0	86.5	66.5	59.0	42.2	31.7	29.1	23.5	19.8	16.3	8.34
1.67V	175.0	115.0	100.0	85.0	65.5	57.5	41.1	31.4	28.4	23.2	19.5	16.1	8.24
1.70V	162.0	108.0	95.5	83.3	64.5	55.5	39.9	30.9	28.2	22.9	19.2	15.9	8.14
1.75V	148.0	101.0	91.5	82.5	63.5	53.5	38.7	30.4	27.4	22.5	19.0	15.6	8.00
1.80V	138.0	94.1	87.5	80.6	61.5	50.5	37.5	29.3	26.7	21.7	18.6	15.0	7.71
1.85V	122.0	83.7	78.0	72.7	60.5	47.1	35.6	29.0	25.8	21.4	18.1	14.9	7.52

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

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	331.0	224.0	193.0	162.0	125.0	111.0	79.3	60.5	55.3	44.8	37.9	31.5	16.30
1.67V	312.0	211.0	185.0	160.0	123.0	108.0	77.3	59.7	54.5	44.3	37.3	31.2	16.10
1.70V	291.0	197.0	177.0	157.0	121.0	104.0	75.1	58.6	53.5	43.6	36.8	30.8	16.00
1.75V	271.0	184.0	170.0	155.0	119.0	101.0	72.8	57.5	52.0	43.0	36.4	30.2	15.80
1.80V	256.0	173.0	162.0	151.0	115.0	94.9	70.5	56.2	50.7	41.4	35.6	29.2	15.20
1.85V	227.0	155.0	146.0	137.0	114.0	88.5	66.9	54.5	49.0	40.9	34.7	28.9	15.00