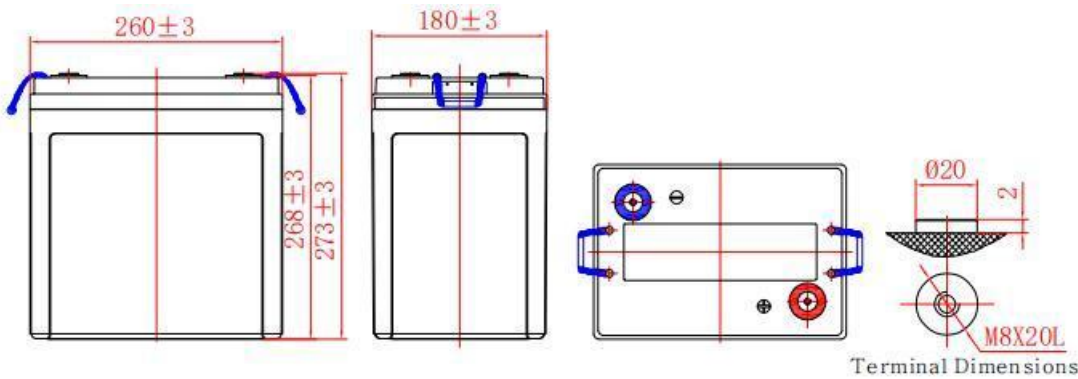


General Features

- Lead-carbon composite negative plate, both capacitance and battery characteristics
- Long cycle life, excellent deep cycle discharge ability
- Excellent charge acceptance ability
- Optimized capability of instant high-current discharging
- Strong high and low temperature performance
- Precision sealing technology



Dimension:260(L)×180(W)×268(H)×273(TH) Unit: mm



Specification	
Nominal Voltage	6V
Nominal Capacity	230Ah @20Hr-rate to 1.75V percell @25°C
Design life	12 years
Terminal	M8
Approx. Weight	Approx33.0kg±3% (72.75±3%lbs)
Container Material	ABS
Max discharge current	2300A(5s)
Internal resistance(Full charged at 25°C:)	2.5 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. 57.5A;Recom.23.0A
Float charge:6.75-6.90V	recom.6.90V(-9mV/ °C)
Equalize charge:6.90-7.05V	recom.7.05V(-12mV/ °C)
Cycle charge:7.20-7.50V	recom.7.35V(-15mV/ °C)

Standards

Executive standard: IEC 60896-21/22, GB/T 19638.1-2014

Applications

- Solar/ wind energy and other new energy storage
- Hybrid vehicles, electric bicycles and other new energy vehicles
- Other backup or cycle purposes

Rated Capacity

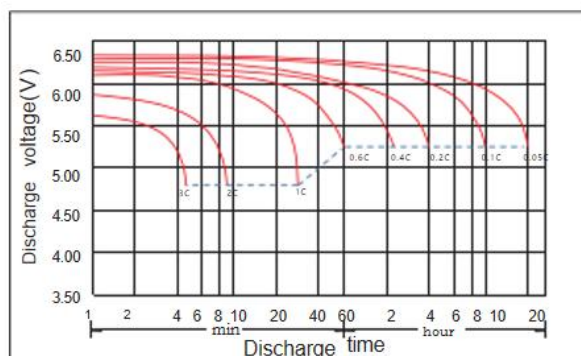
20Hour Rate (11.5A to 5.25V)	230.0Ah
3Hour Rate (57.2A to 5.10V)	171.6Ah
1Hour Rate (136.0A to 4.80V)	225.0Ah

Attain Certificate

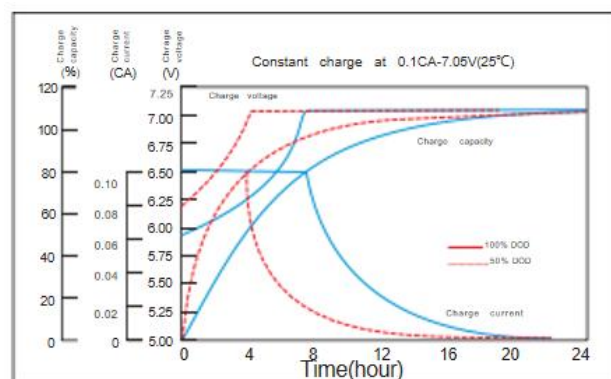


Disclaimer: Manufacturers have the right to self-modify the parameters of the product updates, please keep in touch with manufacturers to obtain the latest information.

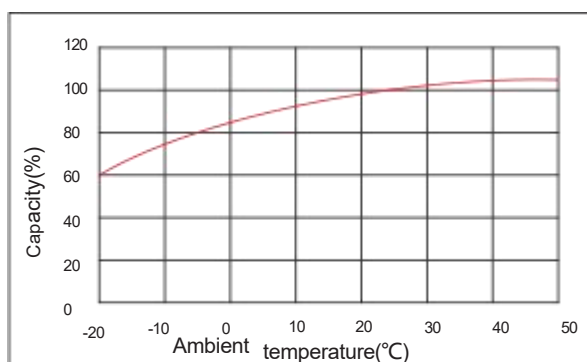
Discharge characteristic



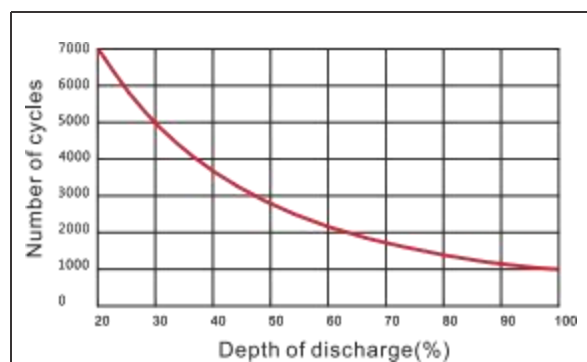
Charging characteristic



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	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	396.8	235.5	172.4	136.0	101.0	80.6	60.6	48.9	41.6	35.3	27.26	22.69	11.87
1.65V	381.2	226.1	165.5	130.7	98.0	78.8	58.8	47.3	40.5	34.8	26.96	22.41	11.68
1.70V	357.0	216.1	158.2	125.2	94.1	75.5	57.2	46.2	39.4	34.1	26.54	22.07	11.57
1.75V	332.2	204.5	151.2	121.3	90.3	72.8	55.5	45.1	38.5	33.2	26.17	21.78	11.51
1.80V	312.9	198.9	145.8	116.0	86.0	70.6	54.8	43.8	37.5	32.3	25.73	21.50	11.40
1.85V	259.6	168.3	127.2	102.0	77.7	62.5	48.2	39.7	34.1	29.4	24.15	19.84	10.93

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

FV/Time	15min	30min	45min	1h	1.5h	2h	3h	4h	5h	6h	8h	10h	20h
1.60V	745.5	457.5	335.5	266.4	200.0	158.7	122.4	97.9	83.6	72.6	57.0	47.7	25.0
1.65V	723.3	443.8	324.7	258.8	195.0	156.0	120.6	95.6	81.8	71.9	56.4	47.2	24.6
1.70V	687.6	428.5	320.9	252.0	192.2	150.9	115.5	93.3	79.9	70.4	55.7	46.5	24.4
1.75V	649.1	413.7	307.7	246.6	186.9	146.9	114.8	91.3	78.2	68.8	55.0	46.0	24.3
1.80V	613.9	399.4	296.0	236.5	177.2	144.6	111.7	90.3	76.4	67.7	54.2	45.4	24.1
1.85V	511.6	347.4	263.0	211.3	164.6	132.2	100.3	83.0	71.5	61.9	51.0	42.8	22.7