

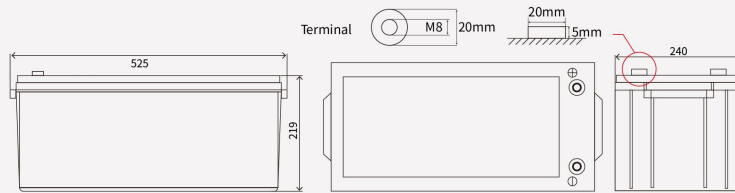
Solar Battery

12V 200AH



Certificate

ISO9001
CE
Compliant standards:
GB/T 22473-2008
GB/T 19638.2-2005
YD/T799-2002
IEC61427-2005
GB/T 19001-2016 IIR ISO 9001:2015
EN IEC 61000-6-2:2019, EN IEC 61000-6-4:2019
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A1:2019



Technology Data

Rated voltage	Capacity (10hr, 1.80V/Cell)	Weight	Max discharge Current	Max charging Current	Self-discharge (25°C)	Recommended Using temperature	Cover Material
12V	200Ah	55.5Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/月	15°C~25°C	ABS工程塑料

Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)	Capacity Affected by Temperature
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V/Cell	105% @ 40°C
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C	82% @ 0°C
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell	68% @ -20°C
	14.4V-14.8V	Temperature Compensation Coefficient ±5mV/Cell °C	

Different discharge time at different terminal Voltage, discharge time(Amps,25)

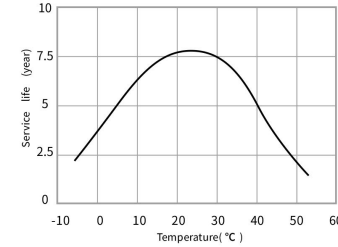
Termination Voltage (V/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	106.20	48.28	32.27	20.81	10.75	4.52	2.45	2.17	1.15
1.75	104.08	47.79	31.69	20.52	10.50	4.35	2.29	2.03	1.07
1.8	102.00	47.33	31.20	20.00	10.25	4.20	2.20	1.89	1.01
1.85	97.92	47.07	30.60	19.17	9.75	4.03	2.05	1.77	0.92
1.9	94.01	46.65	30.15	18.77	9.58	3.91	1.99	1.69	0.87
1.95	89.88	45.72	29.52	17.73	8.92	3.63	1.88	1.61	0.83

Constant current discharge coefficient(25°C, A)

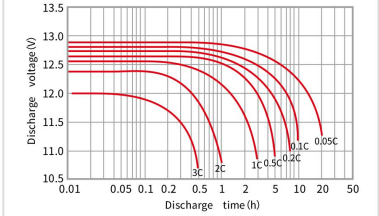
Performance Characteristics

NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values. Cell and battery designs/specifications are subject to modification without notice.

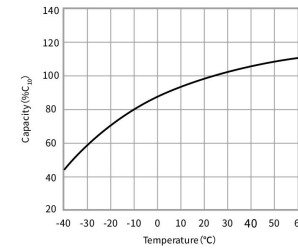
Temperature and service life



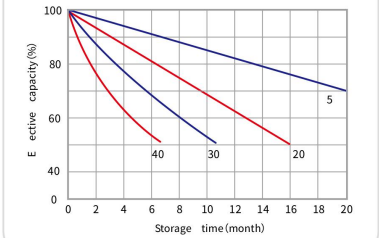
Discharge performance at different discharge rates(25°C/77°F)



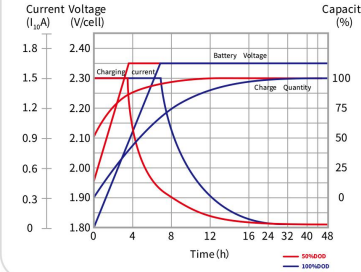
Temperature and discharge capacity



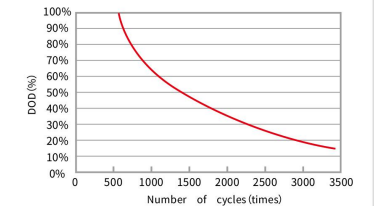
Self discharge parameters characteristics



Constant-potential charge



Cycle Service Life(25°C/77°F)



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