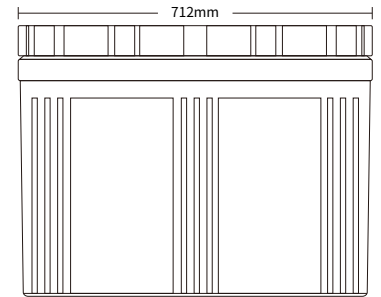
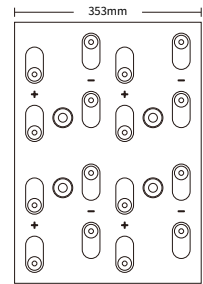
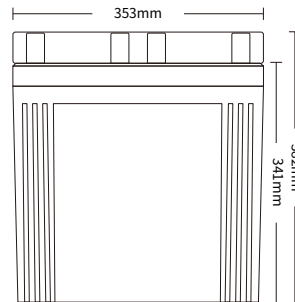


CN-2V 3000AH Lead acid battery



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
2V	3000Ah	185Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS
Using temperature	Charging Voltage (25°C)	Charging Mode (25°C)		Cycle life		Capacity Affected by Temperature	
Discharge: -45°C~50°C	floating charge:	Float Charge: 2.275±0.025V		100%DOD 572 times		105% @ 40°C	
Charge: -20°C~45°C	2.25V-2.3V	Temperature parameters: ±3mV/°C		50%DOD 1422 times		90% @ 0°C	
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V		30%DOD 2218 times		70% @ -20°C	
	2.35V-2.4V	Temperature Compensation Coefficient ±5mV/°C					

Features

battery, Maintenance free and easy to use,Contemporary advanced technology research and development of new high-performance batteries,It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

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

F.V/Time	5min	10min	15min	30min	45min	1h	2h	3h	4h	5h	8h	10h
1.60V	4507	3818	3606	2757	2388	1920	1158	846	683	575	395	325
1.65V	3977	3505	3394	2545	2286	1830	1128	828	668	564	390	320
1.70V	3818	3307	3235	2333	2142	1728	1086	804	654	556	383	316
1.75V	3638	3138	3065	2174	2046	1662	1050	780	636	541	379	308
1.80V	3500	2976	2890	2068	1902	1554	1002	756	612	528	368	300
1.85V	3097	2637	2561	1872	1722	1404	906	714	585	504	356	291

Certificate

ISO9001

CE

Compliant standards:

GB/T 22473-2008

GB/T 19638.2-2005

YD/T799-2002

IEC61427-2005

GB/T 19001-2016 idt ISO 9001:2015

EN IEC 61000-6-2:2019,EN IEC 61000-6-4:2019

EN IEC 61000-3-2:2019+AI:2021

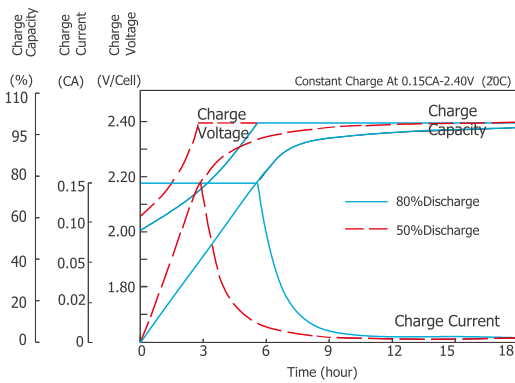
EN 61000-3-3:2013+AI:2019



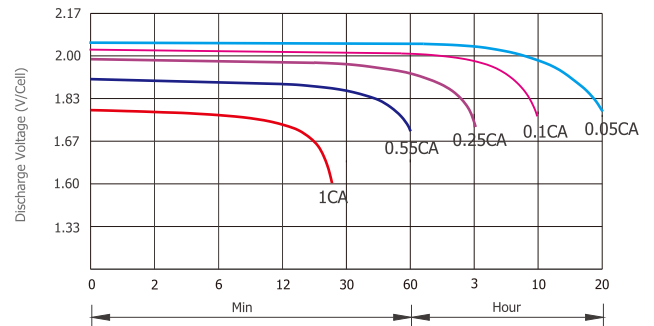
Performance characteristics

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.

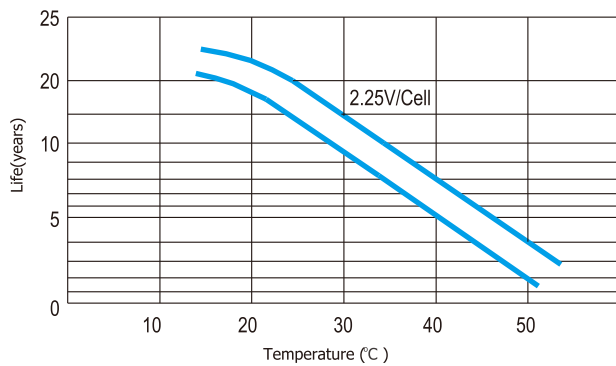
Charge Characteristic



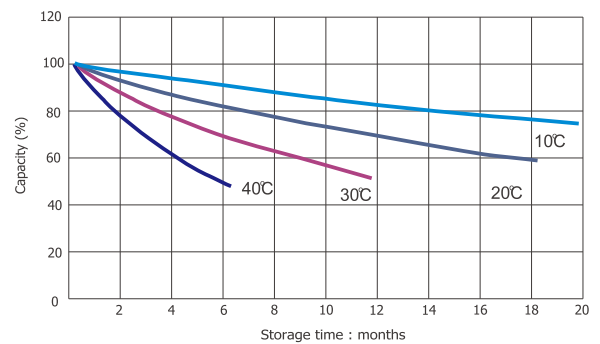
Discharge Characteristic (20°C)



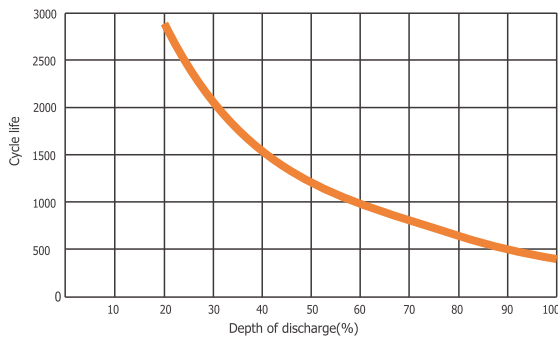
Temperature vs Float Life



Self Discharge Characteristics



Cycle Life vs Depth of Discharge



Capacity vs Temperature

