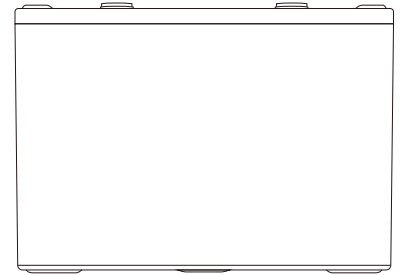
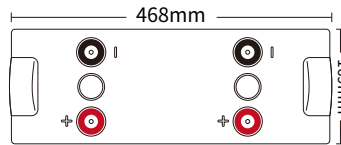
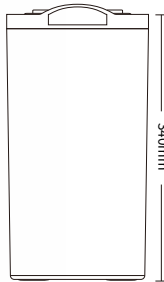


CN-2V 1000AH Lead acid battery



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	1000Ah	58Kg	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	1717	1454	1374	1050	796	640	386	282	228	192	132	108
1.65V	1515	1335	1293	970	762	610	376	276	223	188	130	107
1.70V	1454	1260	1232	889	714	576	362	268	218	185	128	105
1.75V	1386	1196	1168	828	682	554	350	260	212	180	126	103
1.80V	1333	1134	1101	788	634	518	334	252	204	176	123	100
1.85V	1180	1004	976	713	574	468	302	238	195	168	119	97.0

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

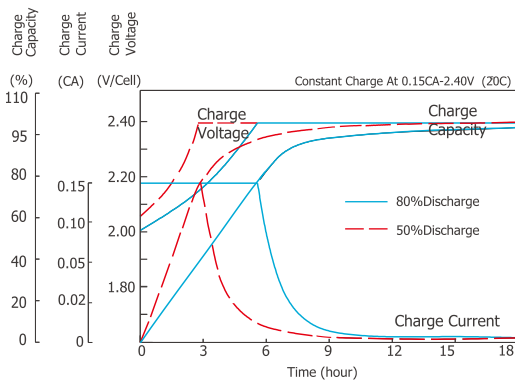
EN 61000-3-3:2013+AI:2019



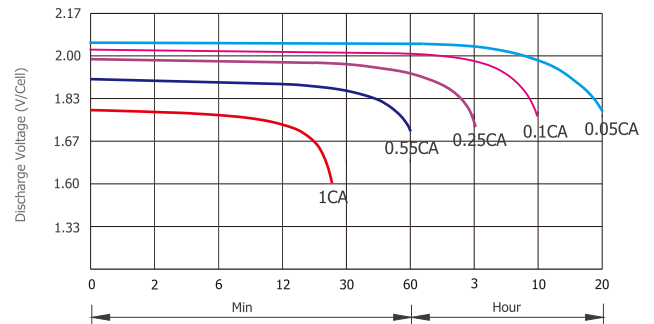
Performance characteristics

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.

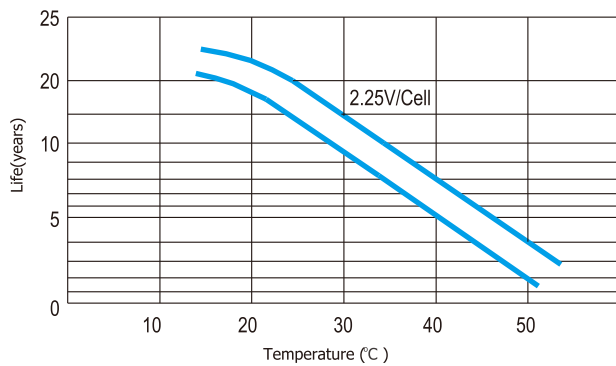
Charge Characteristic



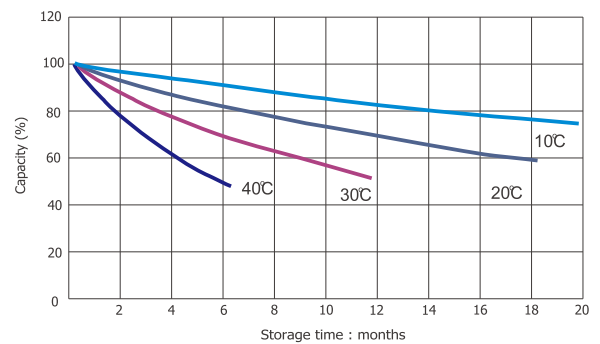
Discharge Characteristic (20°C)



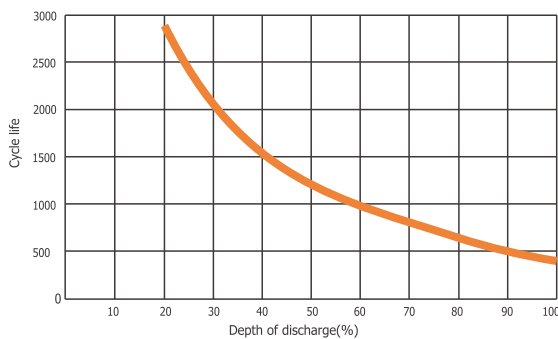
Temperature vs Float Life



Self Discharge Characteristics



Cycle Life vs Depth of Discharge



Capacity vs Temperature

