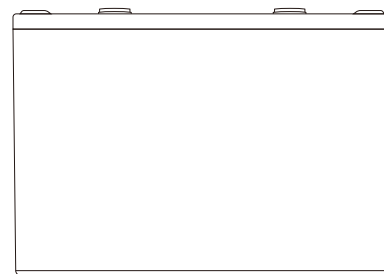
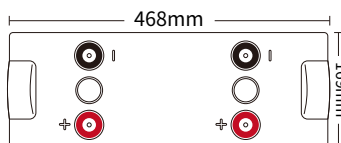
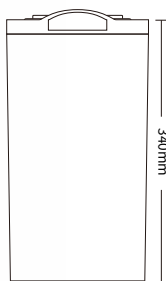


CN-2V 1200AH Lead acid battery



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	1200Ah	62.5Kg	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	1803	1527	1442	1103	955	768	463	338	273	230	158	130
1.65V	1591	1402	1357	1018	914	732	451	331	267	226	156	128
1.70V	1527	1323	1294	933	857	691	434	322	262	222	153	126
1.75V	1455	1255	1226	870	818	665	420	312	254	216	151	123
1.80V	1400	1191	1156	827	761	622	401	302	245	211	147	120
1.85V	1239	1055	1024	749	689	562	362	286	234	202	143	116

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

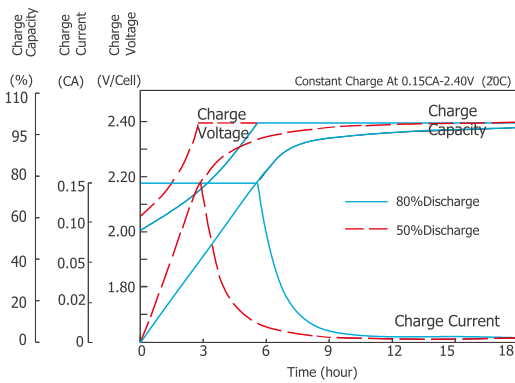
EN 61000-3-3:2013+AI:2019



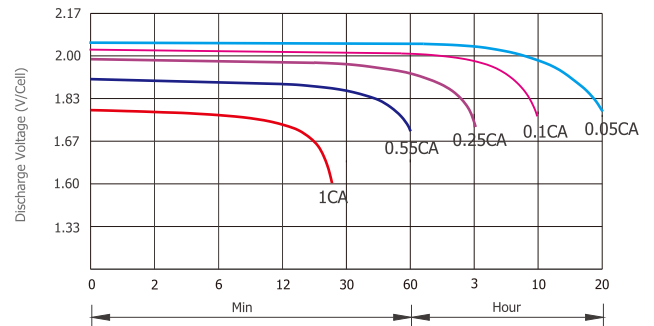
Performance characteristics

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.

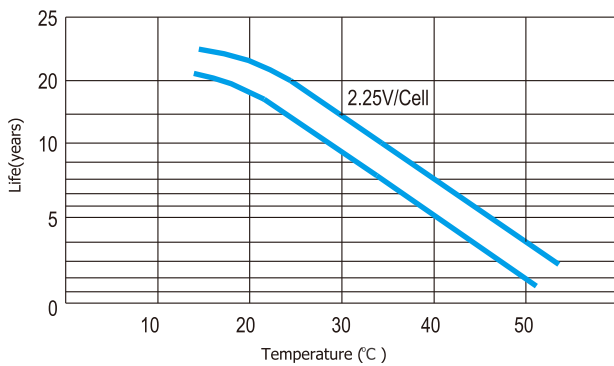
Charge Characteristic



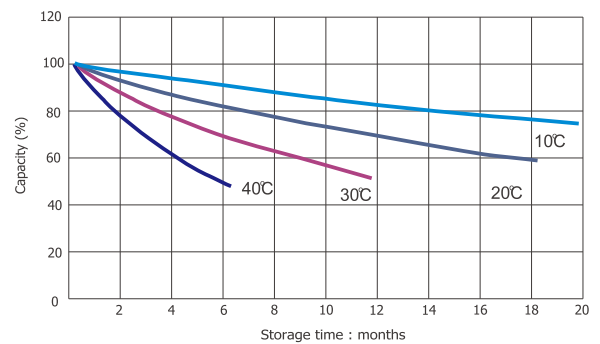
Discharge Characteristic (20°C)



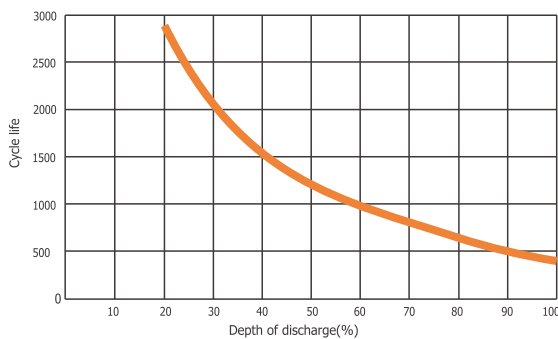
Temperature vs Float Life



Self Discharge Characteristics



Cycle Life vs Depth of Discharge



Capacity vs Temperature

