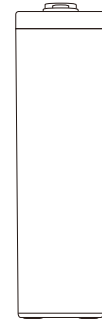
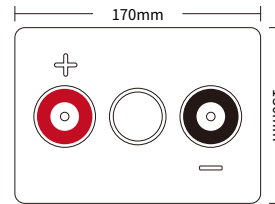
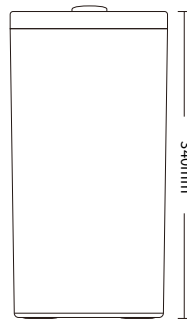


CN-2V 300AH Lead acid battery



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	300Ah	18Kg	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	606	502	455	315	239	192	116	84.6	68.3	57.5	39.5	32.5
1.65V	536	461	427	291	229	183	113	82.8	66.8	56.4	39.0	32.0
1.70V	502	435	407	267	214	173	109	80.4	65.4	55.6	38.3	31.6
1.75V	455	412	385	248	205	166	105	78.0	63.6	54.1	37.9	30.8
1.80V	400	350	330	236	190	155	100	75.6	61.2	52.8	36.8	30.0
1.85V	354	313	293	214	172	140	90.6	71.4	58.5	50.4	35.6	29.1

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

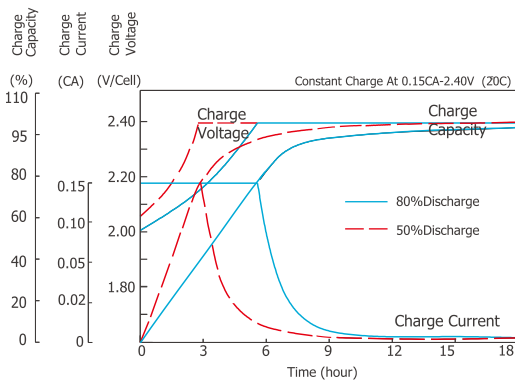
EN 61000-3-3:2013+AI:2019



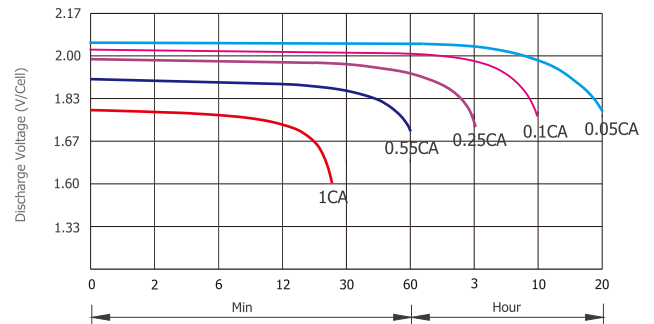
Performance characteristics

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.

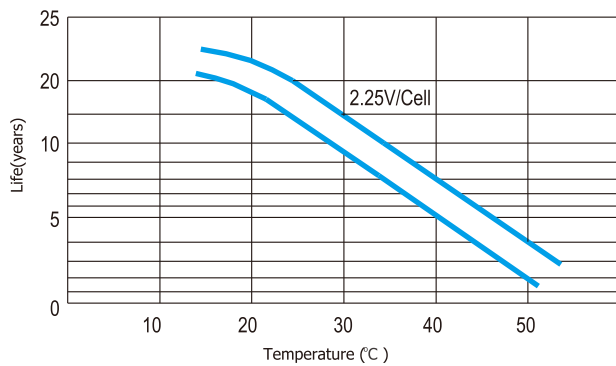
Charge Characteristic



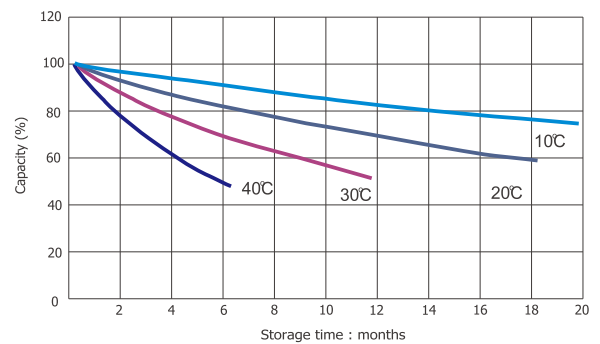
Discharge Characteristic (20°C)



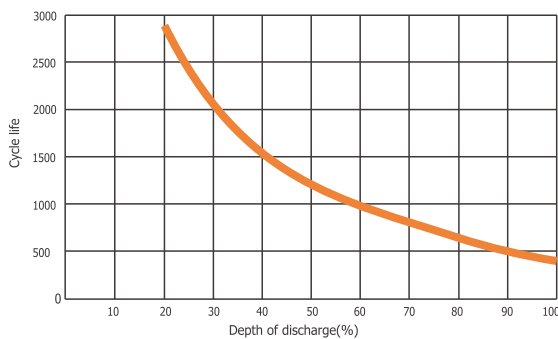
Temperature vs Float Life



Self Discharge Characteristics



Cycle Life vs Depth of Discharge



Capacity vs Temperature

