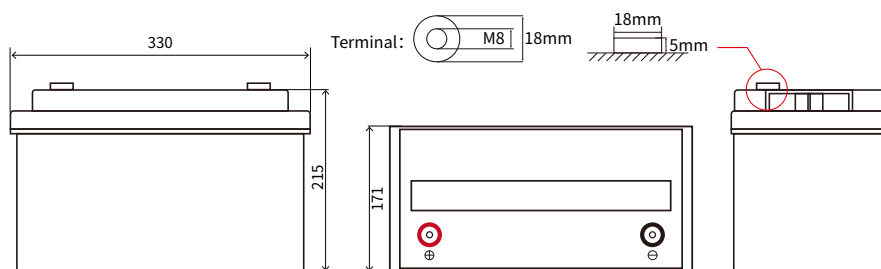


6-CNJ-100GEL BATTERY



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
12V	100Ah	28Kg	30I ₁₀ A(3min)	≤0.25C ₁₀	≤3%/month	15°C~25°C	ABS

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	55.22	25.11	16.78	10.82	5.59	2.35	1.28	1.13	0.60
1.75	54.12	24.85	16.48	10.20	5.46	2.26	1.19	1.05	0.55
1.8	53.04	24.61	16.22	10.00	5.33	2.18	1.14	0.98	0.53
1.85	50.92	24.47	15.91	9.97	5.07	2.09	1.07	0.92	0.48
1.9	48.89	24.26	15.68	9.76	4.98	2.03	1.03	0.88	0.45
1.95	46.74	23.77	15.35	9.22	4.64	1.89	0.98	0.84	0.43

Constant current discharge coefficient(25°C, A)

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.

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

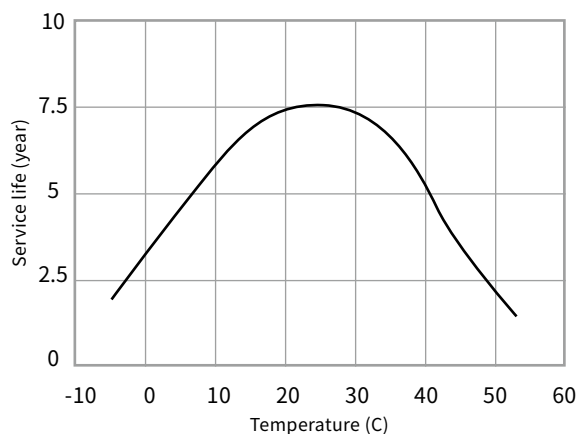
EN 61000-3-3:2013+AI:2019



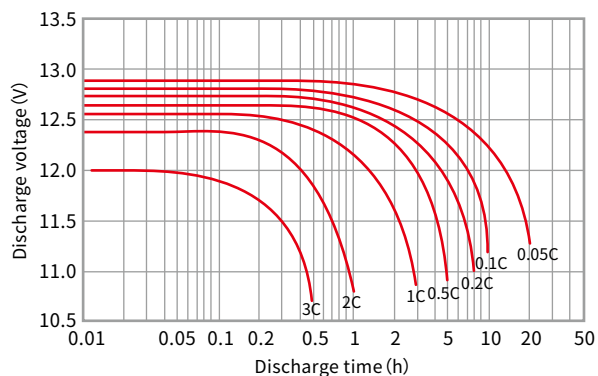
Performance characteristics

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.

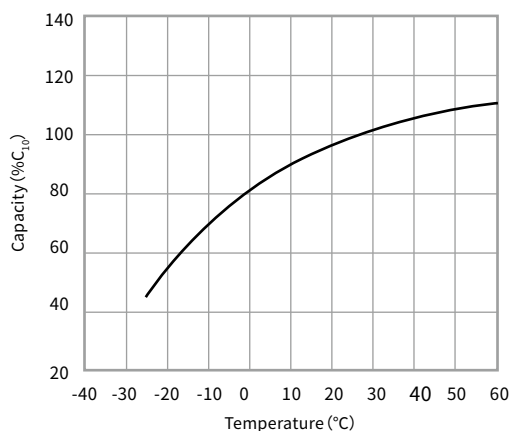
Temperature and service life



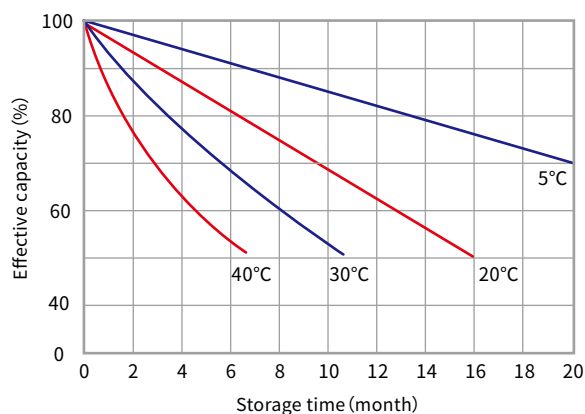
Discharge performance at different discharge rates (25°C/77°F)



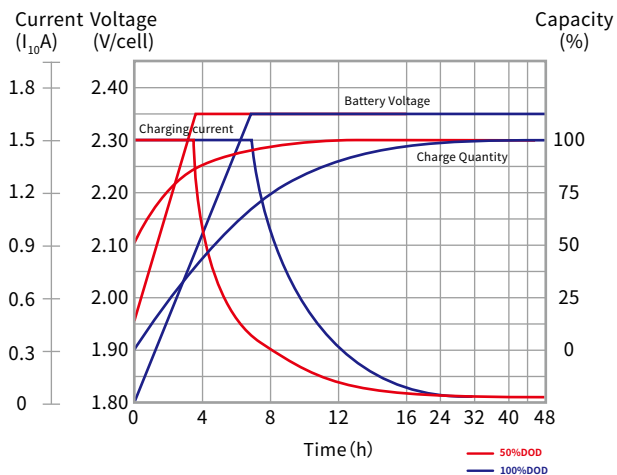
Temperature and discharge capacity



Self discharge parameters characteristics



Constant-potential charge



Cycle Service Life (25°C/77°F)

