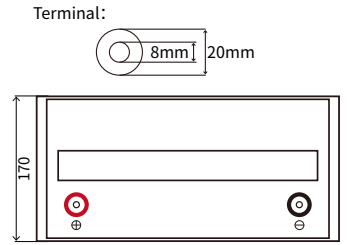
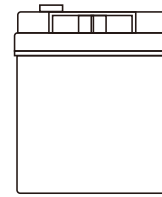
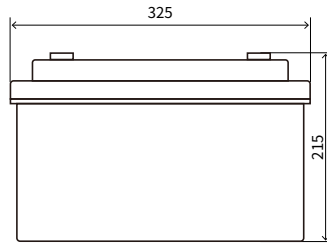


# 6-CNJ-100GEL BATTERY



## 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 <sub>10</sub> A(3min)	≤0.25C <sub>10</sub>	≤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/Cell		100%DOD 490 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1250 times	80% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2150 times	58% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient ±5mV/Cell °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)

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	10.67	5.46	2.26	1.19	1.05	0.55
1.8	53.04	24.61	16.22	10.40	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)

## Certificate

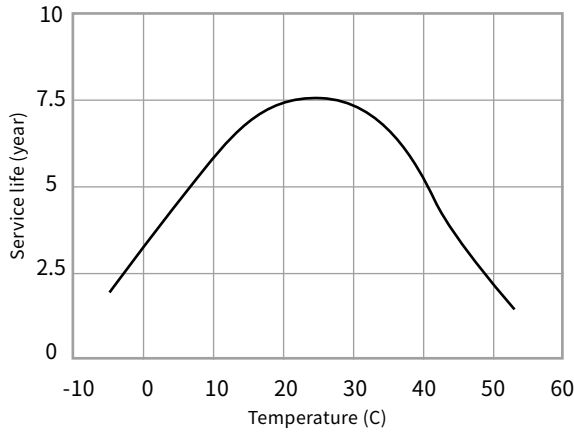
ISO9001  
ISO14001  
CE  
CGC  
TLC  
High and NEW  
Technology  
Products Certification



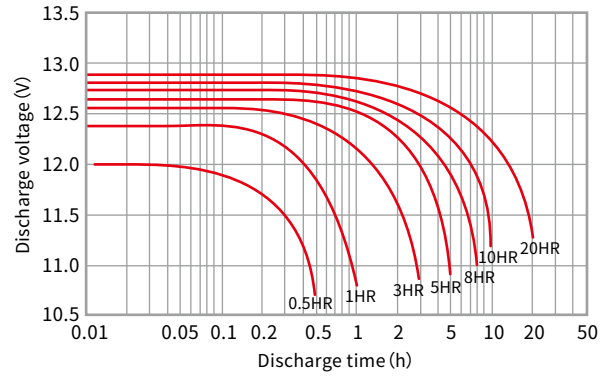
# Performance characteristics

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.

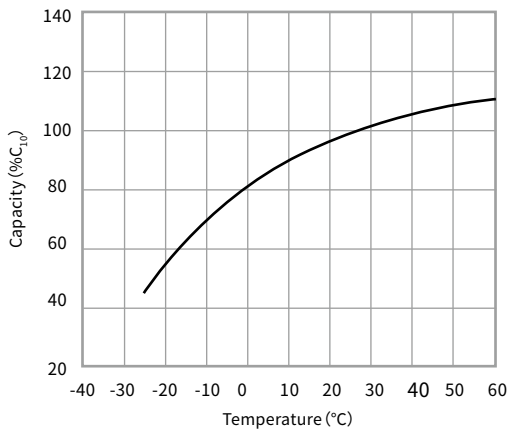
## Temperature and service life



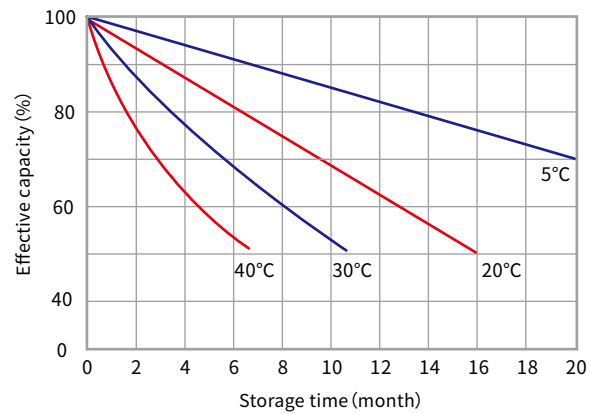
## Discharge performance at different discharge rates (25°C/77°F)



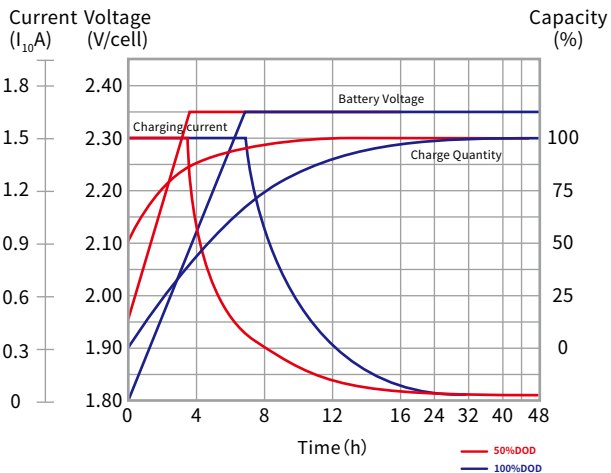
## Temperature and discharge capacity



## Self discharge parameters characteristics



## Constant-potential charge



## Cycle Service Life (25°C/77°F)

