

## 6-CNJ-150 GEL 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	150Ah	40.1Kg	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)		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	79.65	36.21	24.20	15.61	8.06	3.39	1.84	1.63	0.86
1.75	78.06	35.84	23.77	15.39	7.88	3.26	1.72	1.52	0.80
1.8	76.50	35.50	23.40	15.00	7.69	3.15	1.65	1.42	0.76
1.85	73.44	35.30	22.95	14.38	7.31	3.02	1.54	1.33	0.69
1.9	70.51	34.99	22.61	14.08	7.19	2.93	1.49	1.27	0.65
1.95	67.41	34.29	22.14	13.30	6.69	2.72	1.41	1.21	0.62

Constant current discharge coefficient(25°C, A)

### Features

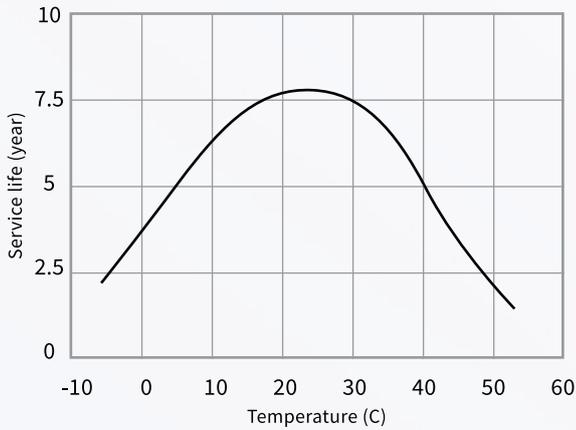
battery, Maintenance free and easy to use,Contemporary advanced technology research and development of new high-performance batteries,It can be widely used in solar energy , wind energy, telecommunication systems, off-grid systems, UPS and other fields. The designed life for the battery could be eight years up for float use.

### Certificate

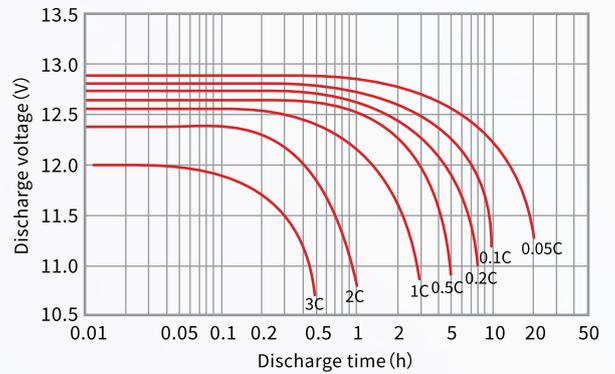
ISO9001  
CE  
Compliant standards:  
GB/T 22473-2008  
GB/T 19638.2-2005  
YD/T799-2002  
IEC61427-2005  
GB/T 19001-2016 idt ISO 9001:2015  
EN IEC 61000-6-2:2019,EN IEC 61000-6-4:2019  
EN IEC 61000-3-2:2019+AI:2021  
EN 61000-3-3:2013+AI:2019

# Performance characteristics

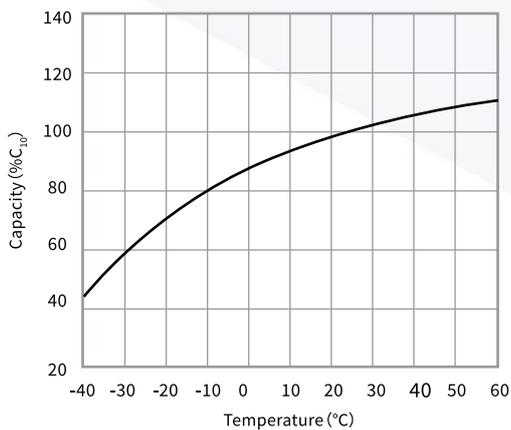
### Temperature and service life



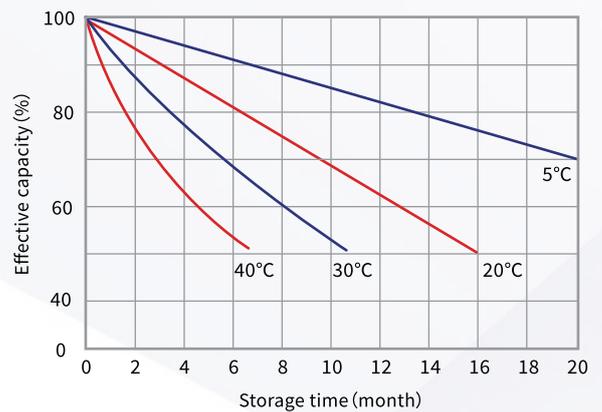
### Discharge performance at different discharge rates (25°C/77°F)



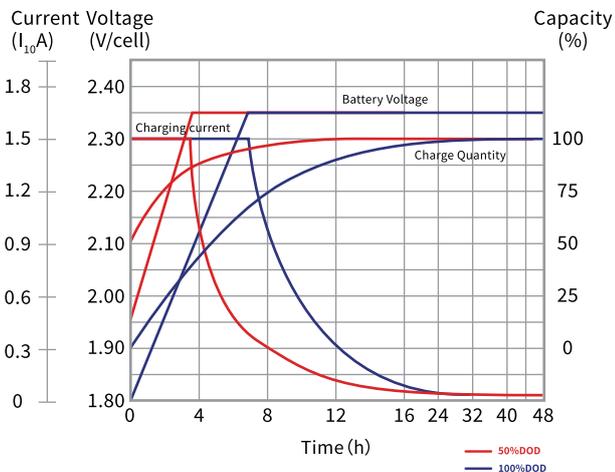
### Temperature and discharge capacity



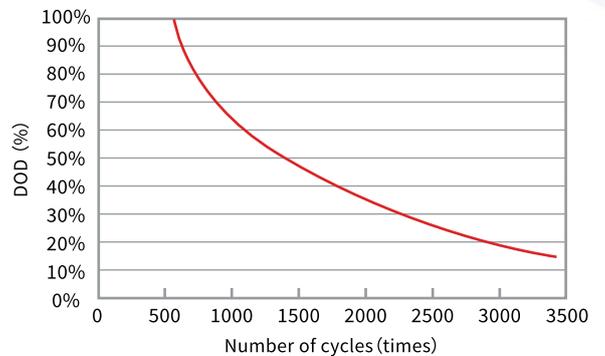
### Self discharge parameters characteristics



### Constant-potential charge



### Cycle Service Life (25°C/77°F)



NOTE: The above data are average values, and can be obtained within 3 charge/discharge cycles. These are not minimum values.