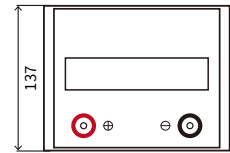
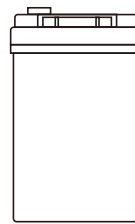
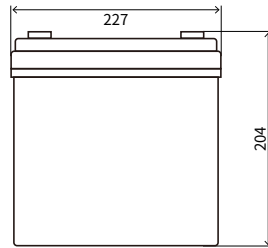


6-CNJ-50 GEL BATTERY



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	50Ah	14.5Kg	$30I_{10}A(3min)$	$\leq 0.25C_{10}$	$\leq 3\%/month$	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: $2.275 \pm 0.025V/Cell$		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: $\pm 3mV/Cell \text{ } ^\circ C$		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: $2.45 \pm 0.05V/Cell$		30%DOD 2218 times	70% @ -20°C		
	14.1V-14.4V	Temperature Compensation Coefficient $\pm 5mV/Cell \text{ } ^\circ C$					

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	26.55	12.07	8.07	5.20	2.69	1.13	0.61	0.54	0.29
1.75	26.02	11.95	7.92	5.13	2.63	1.09	0.57	0.51	0.27
1.8	25.50	11.83	7.80	5.00	2.56	1.05	0.55	0.47	0.25
1.85	24.48	11.77	7.65	4.79	2.44	1.01	0.51	0.44	0.23
1.9	23.50	11.66	7.54	4.69	2.40	0.98	0.50	0.42	0.22
1.95	22.47	11.43	7.38	4.43	2.23	0.91	0.47	0.40	0.21

Constant current discharge coefficient(25°C, A)

Certificate

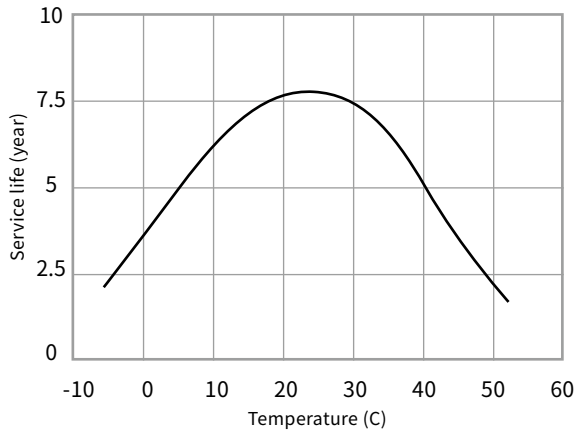
ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



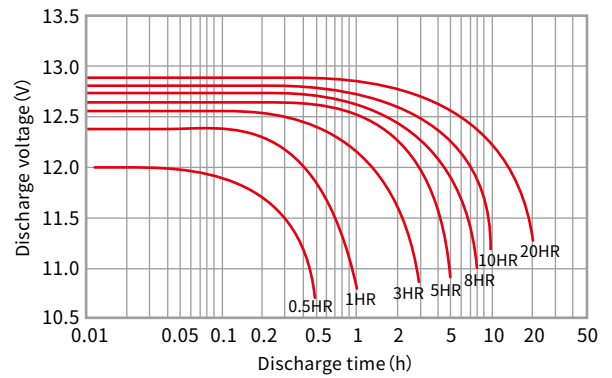
Performance characteristics

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.

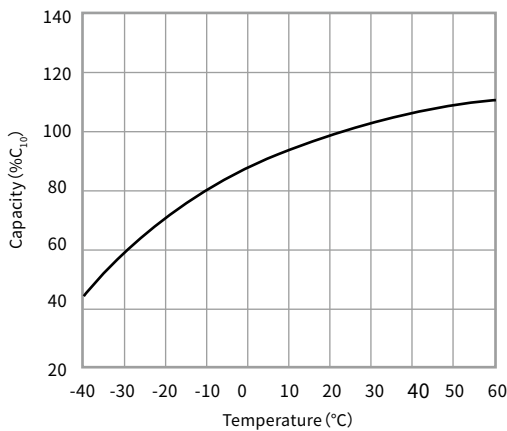
Temperature and service life



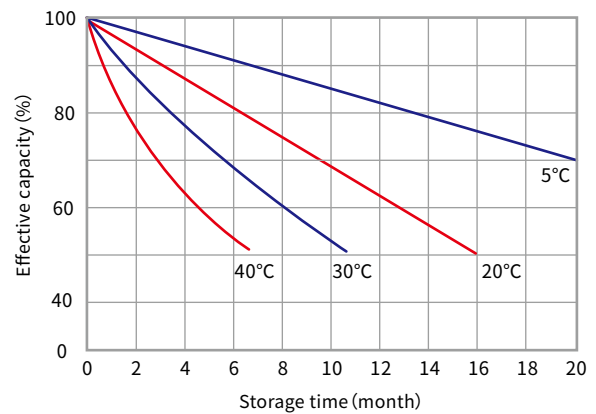
Discharge performance at different discharge rates (25°C/77°F)



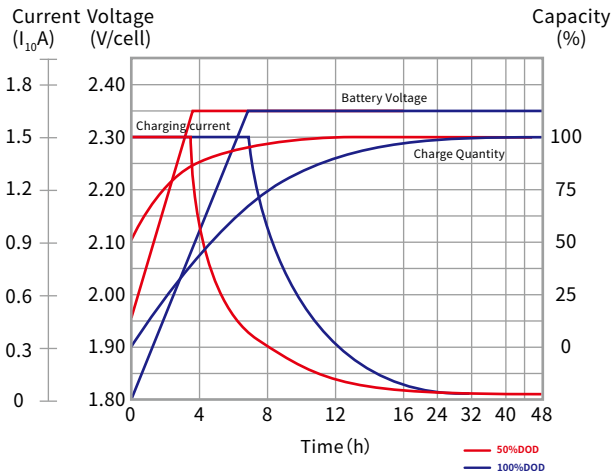
Temperature and discharge capacity



Self discharge parameters characteristics



Constant-potential charge



Cycle Service Life (25°C/77°F)

