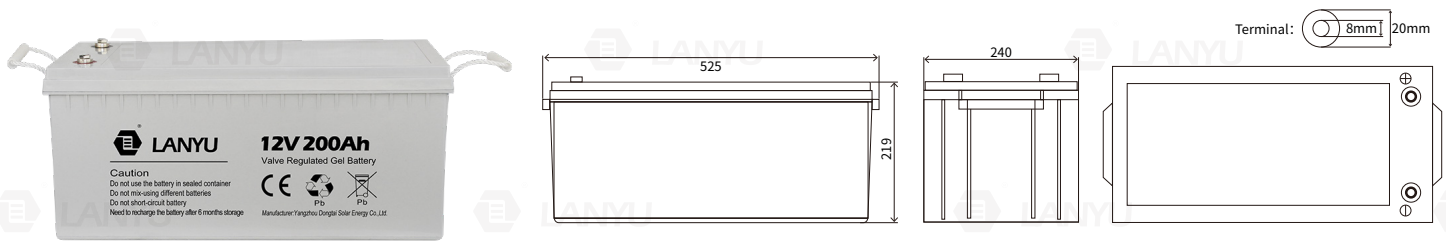


Yangzhou Dongtai Power Supply Co.,Ltd. was established in 1988. It mainly devotes to the research and production of solar colloidal battery, lithium battery for solar street lamp, roof diatributed power generation and other projects. At present, it has offices in many parts of the country, and has been the pioneer in the solar energy industry for many year. Yangzhou Dongtai Power Supply Co.,Ltd. has a management taam with new knowledge structure, strong cohesion and advanced management concept. Excellent team managementprovides strong support and guarantee for the company' s product development,production and market expansion.

Yangzhou Dongtai Power Supply Co.,Ltd. has always adhered to the concept of people-oriented,science and technology first, enery-saving, low-carbon, and social service. It has carried out strategic cooperation with the Chemistry Collega of Yangzhou University, hired well-known experts in the industry, added impetus to the development and innovation of enterprises, provided technical support for higher quality products, and strived to be industry leaders.

6-CNJ-200GEL 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	200Ah	55.5Kg	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/Cell		100%DOD 572 times	105% @ 40°C		
Charge: -20°C~45°C	13.5V-13.8V	Temperature parameters: ±3mV/Cell °C		50%DOD 1422 times	90% @ 0°C		
Storage: -30°C~40°C	equalizing charge:	Cycle Charge: 2.45±0.05V/Cell		30%DOD 2218 times	70% @ -20°C		
	14.4V-14.7V	Temperature Compensation Coefficient ±5mV/Cell °C					

Features

“lanyu” 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	106.20	48.28	32.27	20.81	10.75	4.52	2.45	2.17	1.15
1.75	104.08	47.79	31.69	20.52	10.50	4.35	2.29	2.03	1.07
1.8	102.00	47.33	31.20	20.00	10.25	4.20	2.20	1.89	1.01
1.85	97.92	47.07	30.60	19.17	9.75	4.03	2.05	1.77	0.92
1.9	94.01	46.65	30.15	18.77	9.58	3.91	1.99	1.69	0.87
1.95	89.88	45.72	29.52	17.73	8.92	3.63	1.88	1.61	0.83

Constant current discharge coefficient(25°C, A)

Contact information

Contact number	Fax	E-mail	Website
+86 0514 82880056	+86 0514 82880056	alex@cndongtai.com	www.cndongtai.com

Certificate

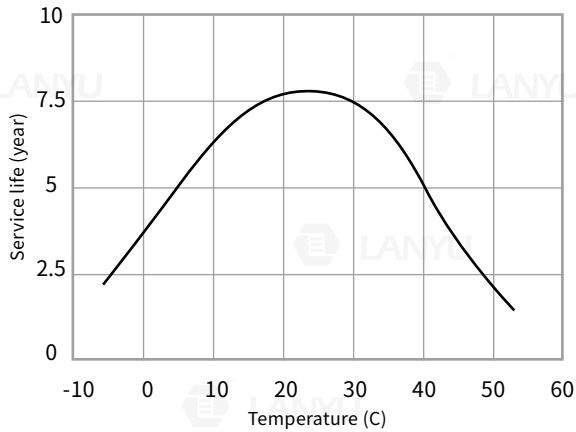
ISO9001
ISO14001
CE
CGC
TLC
High and NEW
Technology
Products Certification



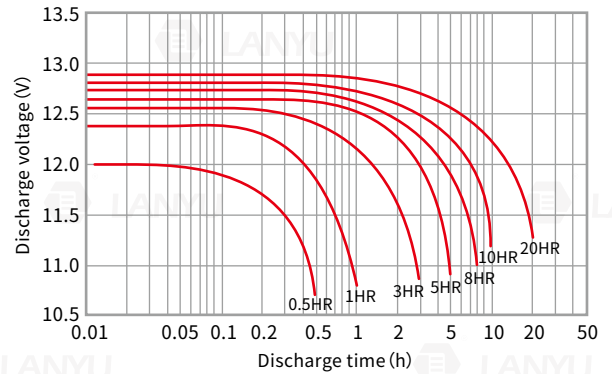
Performance characteristics

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.

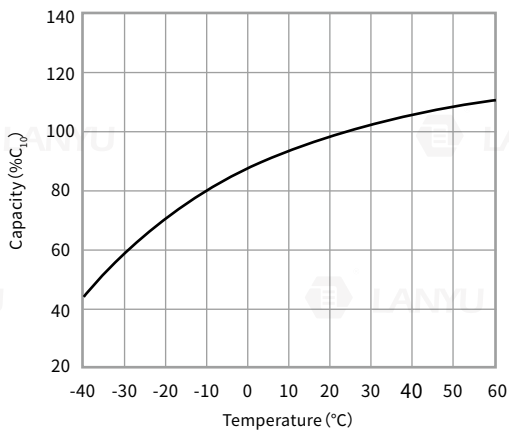
Temperature and service life



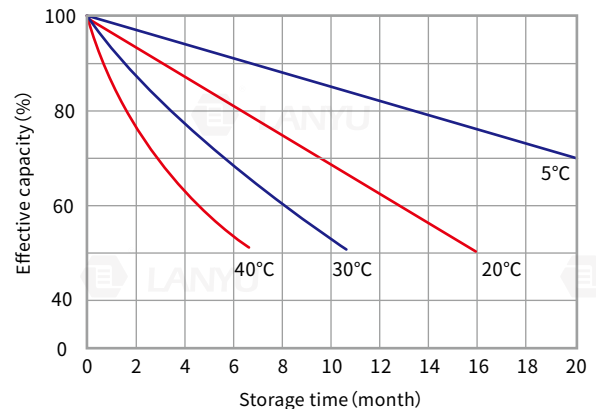
Discharge performance at different discharge rates (25°C/77°F)



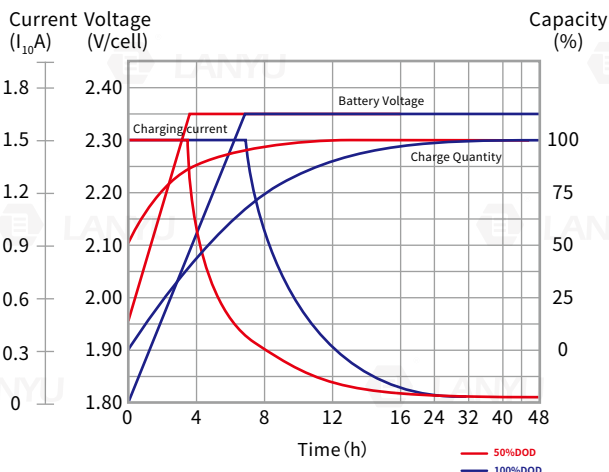
Temperature and discharge capacity



Self discharge parameters characteristics



Constant-potential charge



Cycle Service Life (25°C/77°F)

