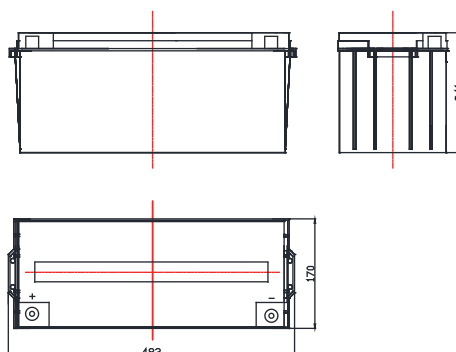




Jiangsu Oliter Energy Technology Co.,Ltd

Jiangsu Oliter Energy Technology Co.,Ltd was founded in 1998,covered 250,000M²,annual throughput reaches 2500000KVAH.Over the years ,Oliter is focusing on the integration of R&D,production,Marketing and application of VRLA,Gel battery,Lithium battery.By the support of South China Normal University,Xi'An JiaoTong University and Other scientific research institutes,Oliter has built up the post-doctoral workstations.Till now,Oliter has achieved 7 series,more than 100 models of batteries.Oliter has become the largest production base of solar energy storage battery in northern Jiangsu.

LPbC100-12LEAD CARBON BATTERY



Features

“Oliter” lead carbon 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 ten years up for float use.

Technology data

Reted Voltage	Capacity (10hr,1.8 0V/Cell)	Weight	Max Discharge Current	Max Charge Current	Self-Discharge (25℃)	Using Temperature	Cover Material
12V	100Ah	40Kg	30I 10A (3min)	≤0.25C10	<2.5%/month	20℃~30℃	ABS
Using Temperature		Charge Voltage (25℃)	Cycle life		Capacity Affected by Temperature		
Discharge:-30℃~40℃ Charge:-20℃~40℃ Storage:-5℃~40℃		Float Charge: 13.5V-13.7V Average Charge: 14.1V-14.4V	100%DOD 998times 70%DOD 3760times 50%DOD 4880times		106 % @ 40℃ 82 % @ 0℃ 60% @ -20℃		

Certificate

ISO9001
ISO14001
CE
TLC
High and New
Technology Products
Certification

Standards:
GB/T 19638.2-2005
YD/T799-2002
JISC8704-2:1999

Different discharge time at different terminal Voltage,discharge time(Amps,25)

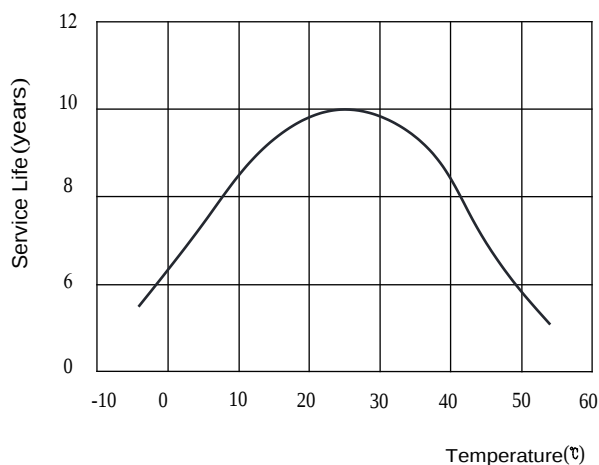
Constant current discharge coefficient (25℃, A)									
Terminal Voltage (v/Cell)	1H	3H	5H	10H	20H	50H	100H	120H	240H
1.7	53.10	24.14	16.13	10.41	5.38	2.26	1.23	1.09	0.57
1.75	52.04	23.89	15.85	10.26	5.25	2.17	1.15	1.01	0.53
1.8	51.00	23.67	15.60	10.00	5.13	2.10	1.10	0.95	0.51
1.85	48.96	23.53	15.30	9.59	4.88	2.01	1.03	0.89	0.46
1.9	47.01	23.33	15.07	9.39	4.79	1.95	0.99	0.85	0.43
1.95	44.94	22.86	14.76	8.87	4.46	1.81	0.94	0.81	0.41



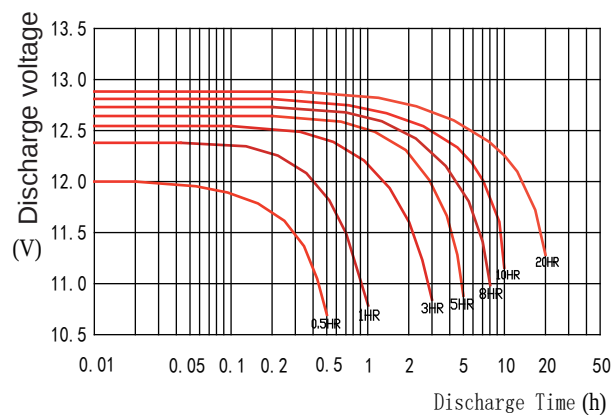


Performance characteristics

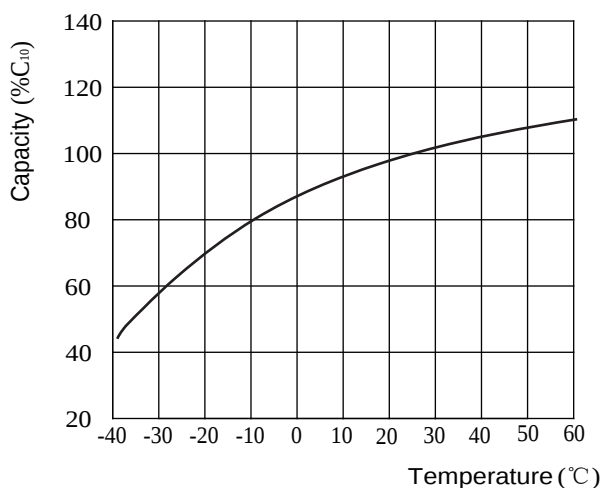
Temperature and Service life



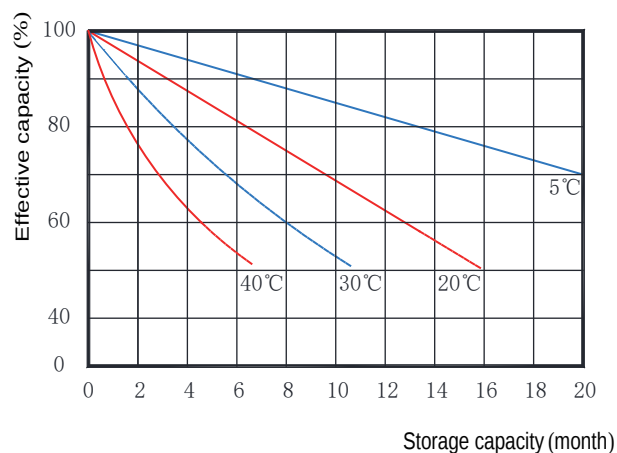
Discharge characteristics at Various Rates (25°C/77°F)



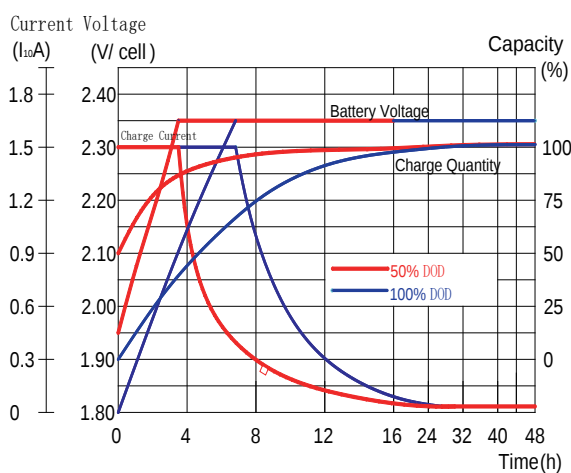
Temperature and discharge capacity



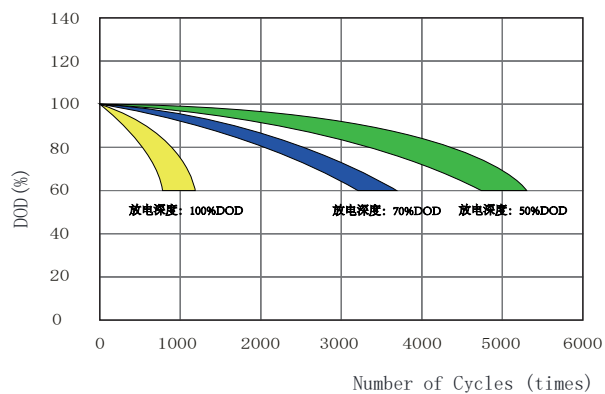
self discharge parameters characteristics



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. Cell and battery designs/specifications are subject to modification without notice.

