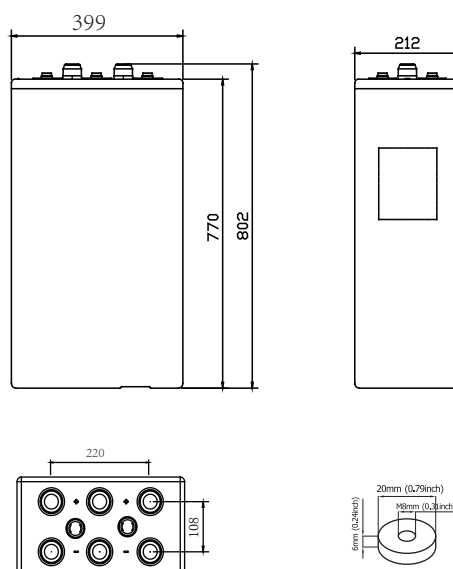




Jiangsu Oliter Energy Technology Co.,Ltd was founded in 1998,covered 250,000M²,annual throughput reaches 750000KVAH.Over the years ,Oliter is focusing on the integration of R&D,production,Marketing and application of VRLA,Gel battery,Lithium battery.By the support of South China Normal University,Xi'An 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.

LPbC2000-2LEAD 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 twenty years up for float use.

Certificate

ISO9001
ISO14001
CE
TLC
High and New
Technology Products
Certification

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

Technology data

Rated Voltage	Capacity (10hr,1.8 0V/Cell)	Weight	Max Discharge Current	Max Charge Current	Self-Discharge (25℃)	Using Temperature	Cover Material
2V	2000Ah	145.5Kg	30I10A (3min)	≤0.25C10	<2%/month	20℃~30℃	ABS

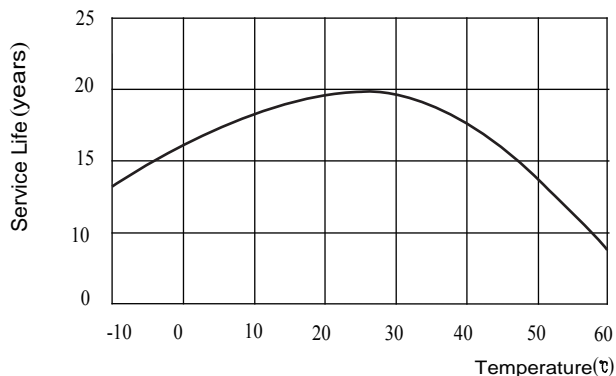
Using Temperature	Charge Voltage (25℃)	Charge Mode(25℃)	Cycle life	Capacity Affected by Temperature	Internal Resistance
Discharge:-40℃~55℃ Charge:-20℃~50℃ Storage:-20℃~40℃	Float Charge: 2.25V-2.3V Average Charge: 2.4V-2.45V	Float Charge:2.275±0.025V/Cell Temperature Compensation Coefficient :±3 mV/Cell ℃ Cycle Charge:2.45±0.05V/Cell Temperature Compensation Coefficient: ±5 mV/Cell ℃	80%DOD 3540times 50%DOD 4900times	105 % @ 40℃ 88 % @ 0℃ 65% @ -20℃	0.35mΩ



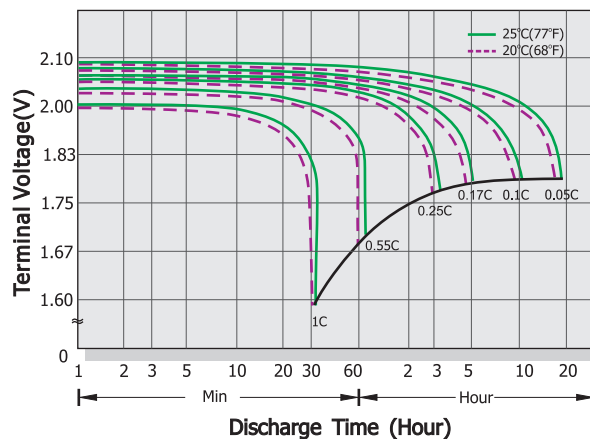


Performance characteristics

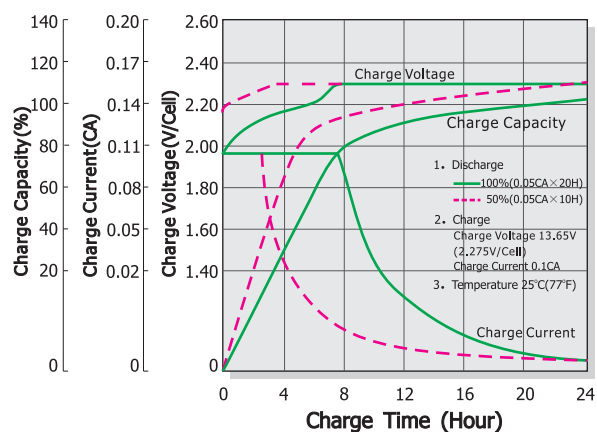
Temperature and Service life



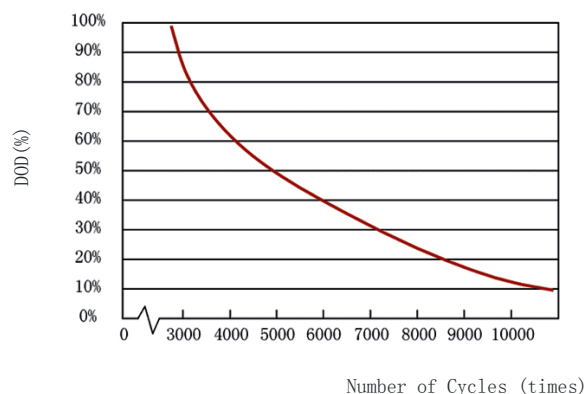
Discharge characteristics at Various Rates(25°C/77°F)



Constant-potential charge



Cycle Service Life (25°C/77°F)



Different discharge power at different terminal Voltage,discharge time(watt,25)

F.V/时间	15MIN	30MIN	1HR	2HR	3HR	5HR	10HR	20HR
1.70V	3655.0	2975.0	2305.0	1355.0	1067.5	732.5	395.0	224.3
1.75V	3365.0	2855.0	2210.0	1320.0	1042.5	722.5	390.0	220.8
1.80V	2980.0	2685.0	1947.5	1285.0	1005.0	710.0	385.0	220.5
1.90V	2215.0	1997.5	1587.5	1180.0	882.5	640.0	345.0	204.0

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

F.V/时间	15MIN	30MIN	1HR	2HR	3HR	5HR	10HR	20HR
1.70V	2120.0	1720.0	1170.0	715.0	530.0	355.0	205.0	116.0
1.75V	1880.0	1605.0	1120.0	695.0	520.0	352.5	202.5	115.3
1.80V	1640.0	1400.0	1040.0	665.0	500.0	347.5	200.0	114.8
1.90V	1040.0	980.0	780.0	550.0	430.0	310.0	177.5	105.3

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.

