

Product Features

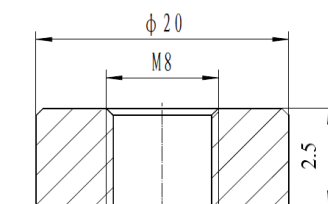
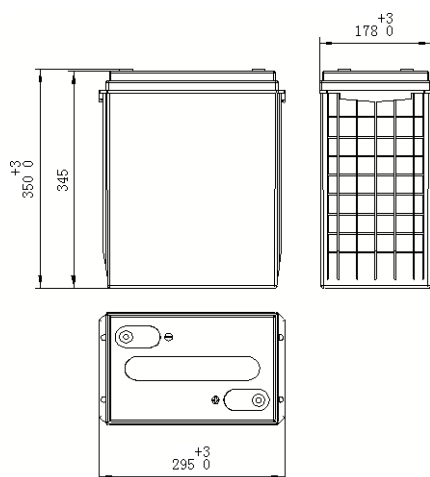
- Pb-Ca-Sn multi-components alloy
- High purity electrolysis lead,high density lead paste,special long effective additive
- High adsorptive performance AGM separator
- Excellent cycle life and recoverage performance from over-discharged state
- Excellent large current discharge performance, there is obvious advantage in start-up and climbing slope stage
- Good large current discharge performance, good low temperature endurance and shock endurance.
- Maintenance free, there is no need to add water during operation.

Application

- Electrical Vehicle
- Mixture Electrical vehicle
- Sightseeing car
- Golf car
- Electrical transit car
- Electrical patrol car
- Public project car
- Electrical tractor
- Property maintenance car
- Electrical flat car
- Electrical freight car
- Electrical drone car

Compliant Standards

- ☞ GB/T 32620.1-2016
- ☞ GB/T 7403.1-2018
- ☞ GB/T 23636-2017



Battery Model	SPG400-6			
Designed Life	700times (80%DOD)			
Capacity(25℃)	20HR(19.5A,1.75V)	10HR(36.5A,1.75V)	5HR(68A,1.75V)	3HR(103.3A,1.75V)
	390Ah	365AH	340AH	310AH
Dimensions	Length	Width	Height	Total Height
	295mm	178mm	350mm	350mm
Approx. Weight	49kg±5%			
Internal Resistance	1.3mΩ			
Maximum Discharge Current	2700A(10 Sec.)			
Self Discharge	≤3% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	7.35V(-9mV/℃), max charge current:45A		7.05V(-9mV/℃)	

Discharge parameter:

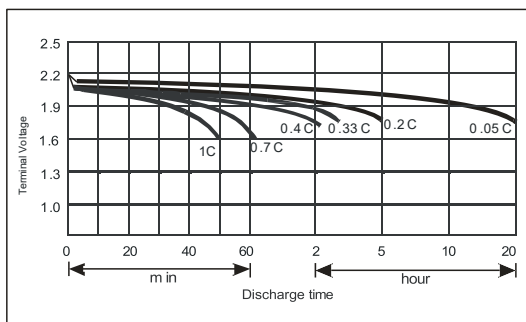
Constant current discharge data (25°C , A)

End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	773.2	493.1	386.9	303.0	230.9	168.5	136.5	103.7	68.47	37.05	20.23
1.65	773.0	492.9	386.7	302.8	230.7	168.2	135.9	103.6	68.29	36.90	20.18
1.70	772.8	492.3	386.5	302.5	230.5	167.8	135.6	103.4	68.18	36.60	20.17
1.75	772.5	492.1	386.1	302.3	230.0	167.5	135.0	103.3	68.00	36.50	20.00

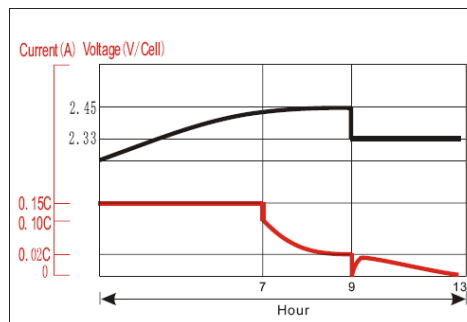
Constant power discharge data (25°C , W/cell)

End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	1503.	969.3	769.2	599.7	456.8	334.2	262.2	207.0	133.0	68.58	35.73
1.65	1493.	962.3	764.5	598.8	456.11	334.6	262.2	206.6	133.8	68.52	35.66
1.70	1474.	949.9	763.6	598.1	455.6	334.8	262.0	206.7	133.5	68.49	35.63
1.75	1448.	933.9	752.8	591.0	451.9	332.2	260.7	206.0	133.3	68.46	35.59

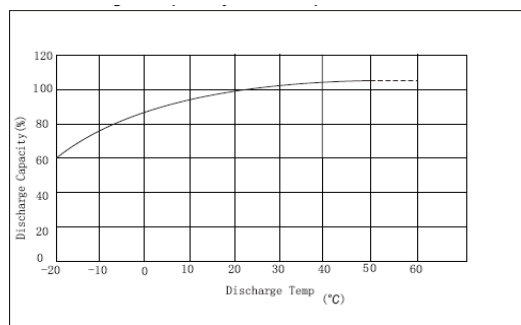
Performance Curve :



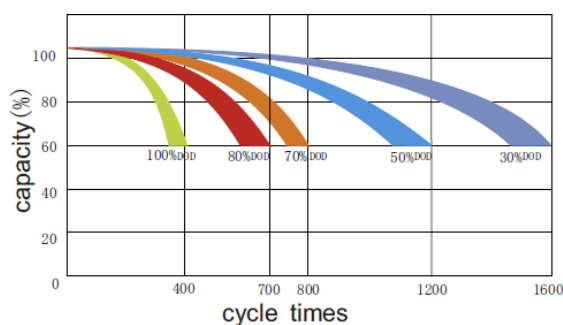
Discharge performance



Charge performance



Discharge capacity Vs temperature



cycle times
Cycle life Vs discharge depth



ISO9001



ISO14001



OHSAS18001

