

Product Features

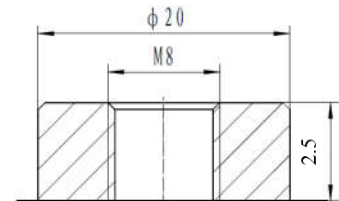
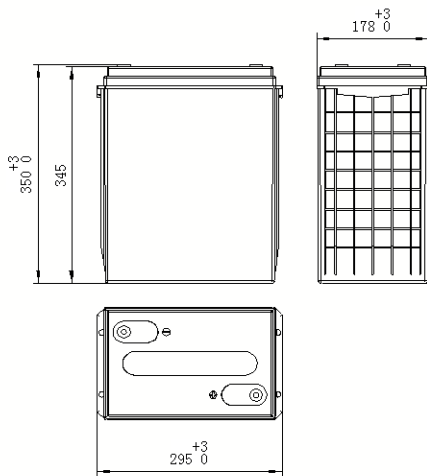
- Pb-Ca-Sn multi-components alloy
- High purity electrolysis lead, high density lead paste, special long effective additive
- High adsorptive performance AGM separator
- Excellent cycle life and recovery performance from over-discharged state
- Excellent large current discharge performance, there is 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	SPG315-6			
Designed Life	700 times (80%DOD)			
Capacity(25℃)	20hr(15.75A,1.75V)	10 hr (31A,1.75V)	5 hr (60A,1.75V)	3 hr (88.3A,1.75V)
	315Ah	310Ah	300Ah	265Ah
Dimensions	Length	Width	Height	Total Height
	295mm	178mm	345mm	350mm
Approx. Weight(kg)	45			
Internal Resistance(mΩ)	1.6 (fully charged@25℃)			
Maximum Discharge Current	2385A(10 Sec.)			
Self Discharge	≤3% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	7.35V(-9mV/℃), max charge current:40A		7.05V(-9mV/℃)	

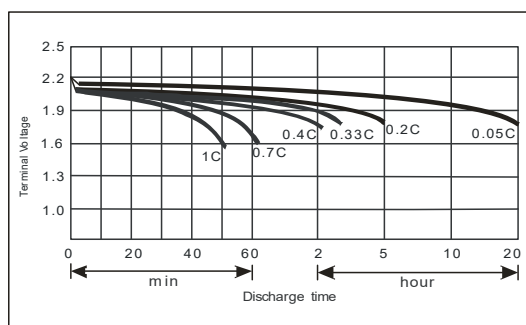
Constant current discharge data (25°C, A)

End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	685.3	432.1	337.3	262.3	198.4	144.2	123.9	88.95	60.47	31.21	15.83
1.65	678.8	427.9	334.4	261.2	197.6	143.9	123.2	88.85	60.29	31.09	15.78
1.70	668.3	421.3	333.1	260.2	196.9	143.5	122.6	88.79	60.18	31.06	15.77
1.75	655.2	413.4	327.6	256.5	195.0	142.1	122.0	88.33	60.00	31.00	15.75

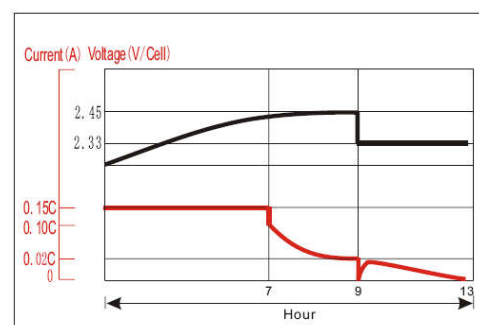
Discharge parameter:

End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	1276	822.5	652.7	508.9	387.6	283.6	222.5	175.7	122.9	60.19	35.32
1.65	1267	816.5	648.7	508.1	387.0	283.9	222.5	175.3	123.6	60.14	35.26
1.70	1251	806.0	647.9	507.5	386.6	284.1	222.3	175.4	123.3	60.11	35.23
1.75	1229	792.4	638.8	501.5	383.5	281.9	221.2	174.8	123.1	60.09	35.20

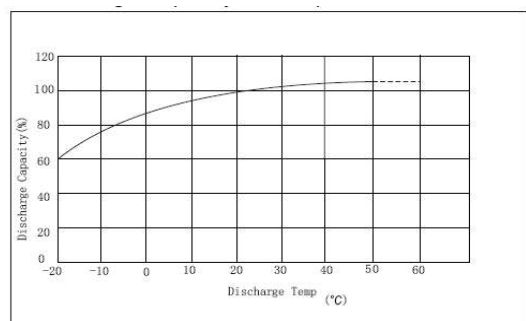
Performance Curve:



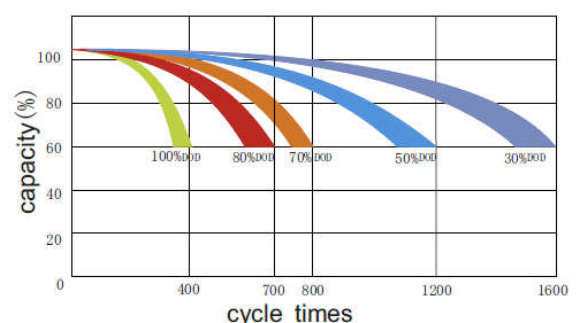
Discharge performance



Charge performance



Discharge capacity Vs temperature



Cycle life Vs discharge depth