

Product Features

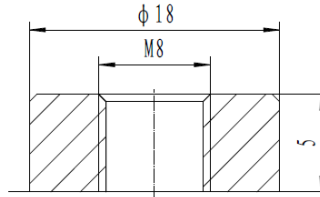
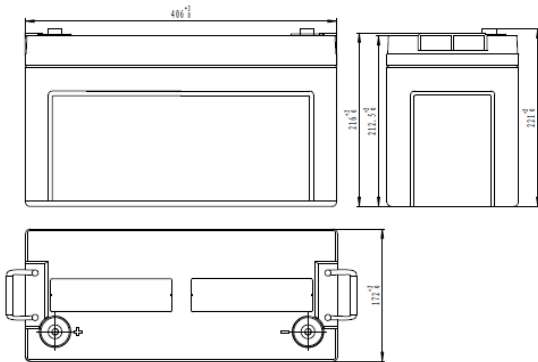
- Pb-Ca-Sn multi-components alloy .
- High purity electrolysis lead,high density lead paste,special long effective additive.
- High adsorptive performance AGM separator.
- Excellent cycle life and recoverage performance from over-discharged state.
- Excellent large current discharge performance, there 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 18332.1-2009
- ☒ IEC 61982-3 2001-06
- ☒ GB/T 7403.1-2008
- ☒ GB/T 23636-2009
- ☒ GB/T 18332.1-2009
- ☒ Passed ISO9001:2000 、 ISO14001 、 OHSAS18001、 UL、 CE certificate



Battery Model	6-DM-125			
Designed Life	700times (80%DOD)			
Capacity(25℃)	20HR(6.75A,1.75V)	10HR(12.9A,1.75V)	5HR(25A,1.75V)	1HR(84.5A,1.75V)
	135Ah	129AH	125AH	102AH
Dimensions	Length	Width	Height	Total Height
	406mm	172mm	216mm	221mm
Approx. Weight	41.0kg			
Internal Resistance	4.0m Ω			
Maximum Discharge Current	1080A(10 Sec.)			
Self Discharge	≤3% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	14.7V(-18mV/℃), max charge current:20A		14.1V(-18mV/℃)	

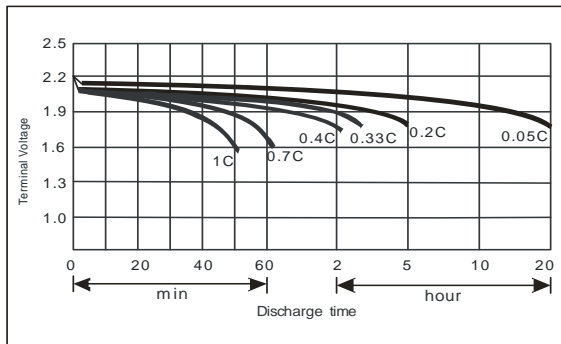
Discharge parameter:

Constant current discharge data (25°C , A)											
End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	375.5	224.7	163.7	134.0	103.8	72.12	54.30	40.40	25.21	12.99	6.786
1.65	371.9	222.5	162.3	133.4	103.4	71.98	54.20	40.25	25.13	12.96	6.766
1.70	366.2	219.1	161.7	132.9	103.0	71.77	54.10	40.22	25.08	12.93	6.761
1.75	359.0	215.0	159.0	131.0	102.0	71.10	54.00	40.00	25.00	12.90	6.750

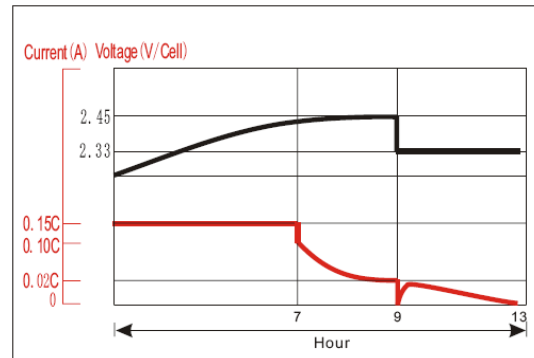
Constant power discharge data (25°C , W/cell)											
End voltage (V/cell)	10min	20min	30min	45min	60min	90min	2h	3h	5h	10h	20h
1.60	699.1	427.8	316.8	259.9	202.7	142.4	111.8	81.07	50.41	26.35	13.85
1.65	694.3	424.7	314.8	259.4	202.4	142.1	111.6	80.97	50.67	26.30	13.80
1.70	685.4	419.2	314.4	259.1	202.2	141.8	111.4	80.91	50.62	26.24	13.75
1.75	673.1	412.1	310.1	256.1	200.6	141.0	110.9	80.67	50.50	26.18	13.70

All data on the spec. sheet is an average value:

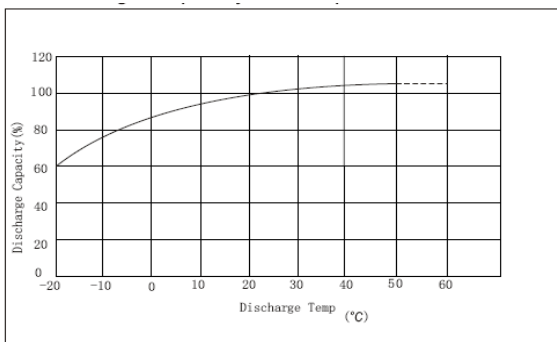
The tolerance range: $X < 6\text{min}$ (+15%~-15%), $6\text{min} \leq X < 10\text{min}$ (+12%~-12%), $10\text{min} \leq X < 60\text{min}$ (+8%~-8%), $X \geq 60\text{min}$ (+5%~-5%)

Performance Curve:


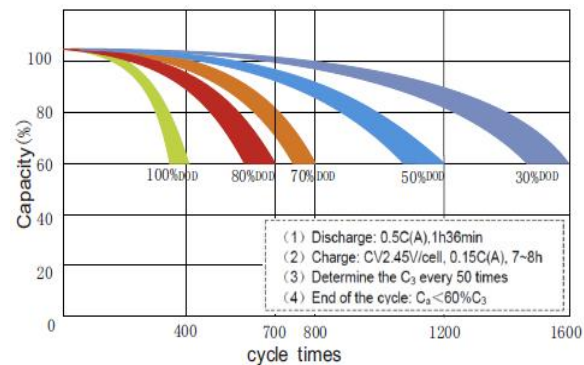
Discharge performance



Charge performance



Discharge capacity Vs temperature



Cycle life Vs discharge depth

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