

Product Features

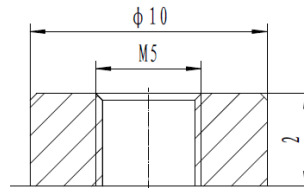
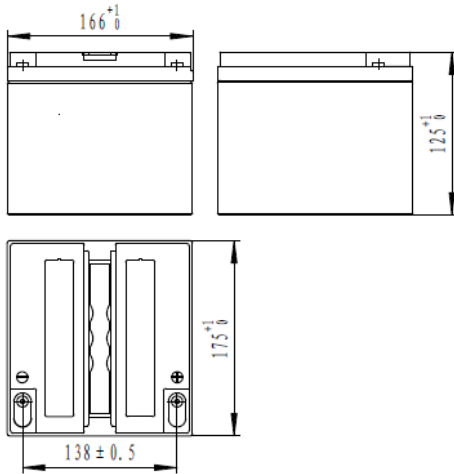
- Pb-Ca-Sn multi-components alloy .
- High purity electrolysis lead,high density lead paste,special long effective additive .
- High adsorptive performance AGM separator.
- Excellent cycle life and recoverage performance from over-discharged state.
- Excellent large current discharge performance, there 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

- Electricity powered bicycle
- Electricity powered motorcycle
- Electricity powered scooters
- Electricity powered toys cart

Compliant Standards

- ☒ GB/T 22199.1-2008
- ☒ GB/T 23636-2009
- ☒ GB/T 18332.1-2009
- ☒ Passed ISO9001:2000 、 ISO14001 、 OHSAS18001、 UL、 CE certificate



Battery Model	6-DZM-28			
Designed Life	650 times (70%DOD)			
Capacity(25℃)	20HR(1.8A,1.75V)	10HR(3.35A,1.75V)	5HR(6.4A,1.75V)	1HR(24.45A,1.75V)
	36Ah	33.5AH	32AH	24.45AH
Dimensions	Length	Width	Height	Total Height
	166mm	175mm	125mm	125mm
Approx. Weight	9.6kg			
Internal Resistance	8.7mΩ			
Maximum Discharge Current	280A(10 Sec.)			
Self Discharge	≤3% per months (25℃)			
Charge Voltage(25℃)	Cycle use		Float use	
	14.7V(-18mV/℃), max charge current:4.0A		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	105.5	64.00	46.31	32.01	24.74	17.56	14.11	10.07	6.438	3.364	1.805
1.65	104.1	63.28	45.89	31.82	24.65	17.52	14.08	10.05	6.426	3.358	1.803
1.70	102.6	62.55	45.25	31.51	24.55	17.45	14.03	10.02	6.413	3.355	1.802
1.75	98.10	60.38	44.40	31.20	24.45	17.40	14.00	10.00	6.401	3.350	1.800

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	198.8	121.7	89.45	62.69	49.21	35.12	28.34	20.27	12.99	6.788	3.649
1.65	197.1	120.8	89.33	62.59	49.12	35.07	28.31	20.26	12.98	6.787	3.646
1.70	195.2	119.8	88.32	62.08	48.96	34.99	28.23	20.23	12.96	6.786	3.645
1.75	187.6	116.0	86.86	61.67	48.79	34.95	28.20	20.21	12.95	6.782	3.644

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 :
