6-DZM-25

Reguero Baterías
917973512

Product Features

Deep Cycle High Power Series 400~600 Cycle Times @100%DOD			
↑10%W/2hr	>40Wh/kg	↑40%	↓50%
Discharging Power High Rate Formula	Energy Density Special Paste Formula	Power Output Area High Density Grouping	Grid Corrosion Rare-earth patent alloy

Product Applications

Physical Specifications

Model	Dimensions (mm/inch)				Weight (kg/lbs)	Terminal	Container
	Length	Width	Height	Total Height			
6-DZM-25	181/7.13	77/3.03	170/6.69	170/6.69	6.50/14.3	I10	ABS UL94-HB (Optional: FR ABS UL94-V0)

Product Specifications

Nominal Voltage	Rated Capacity25℃/77℃	Operating Temp.Range	Capacity Effected Temp	Capacity vs Storage Time
12V	25.0Ah 20hr Rate (1.80V/cell) 23.8Ah 10hr Rate (1.80V/cell) 23.2Ah 5hr Rate (1.75V/cell) 21.6Ah 2hr Rate (1.75V/cell)	Discharge:-15℃~50℃ (5℉~122℉) Charge:0℃~40℃ (32℉~104℉) Storage:-15℃~40℃ (5℉~104℉) Optimum:25℃±2℃ (77℉±5℉)	40℃ (104℉):106% 25℃ (77℉):100% 0℃ (32℉):85% -15℃ (5℉):72%	Three months : 90% Six months : 80% Nine months : 60%

Constant Current Discharge (A)@25℃ (77℉)

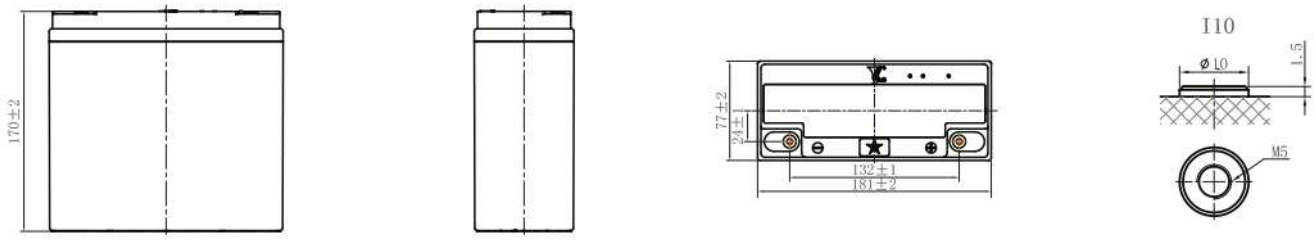
F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	29.6	24.2	17.7	10.5	7.32	5.66	4.58	3.84	2.91	2.35	1.23
1.80V/cell	30.3	24.7	18.0	10.7	7.42	5.72	4.62	3.88	2.94	2.38	1.26
1.75V/cell	31.0	25.2	18.3	10.8	7.50	5.76	4.65	3.90	2.96	2.40	1.26
1.70V/cell	31.5	25.5	18.5	10.9	7.56	5.79	4.68	3.92	2.97	2.41	1.27
1.67V/cell	32.1	25.9	18.7	11.1	7.60	5.81	4.69	3.93	2.98	2.41	1.27
1.60V/cell	32.9	26.3	18.9	11.2	7.64	5.84	4.70	3.94	2.99	2.41	1.27

Constant Power Discharge (W/cell)@25℃ (77℉)

F.V/Time	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	20h
1.85V/cell	58.3	48.0	35.2	21.0	14.7	11.3	9.17	7.69	5.82	4.70	2.46
1.80V/cell	59.7	48.9	35.8	21.3	14.8	11.4	9.25	7.76	5.89	4.77	2.51
1.75V/cell	60.9	49.8	36.3	21.6	15.0	11.5	9.30	7.81	5.91	4.79	2.52
1.70V/cell	61.9	50.5	36.8	21.9	15.1	11.6	9.34	7.83	5.94	4.80	2.53
1.67V/cell	63.0	51.2	37.2	22.1	15.1	11.6	9.35	7.85	5.95	4.81	2.53
1.60V/cell	64.5	51.9	37.5	22.3	15.2	11.6	9.37	7.86	5.96	4.81	2.53

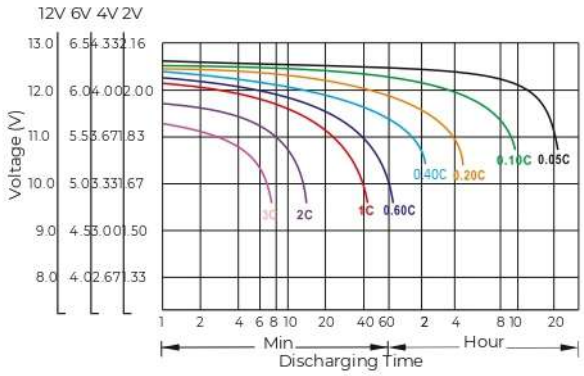
6-DZM-25

Battery Dimensions (mm)

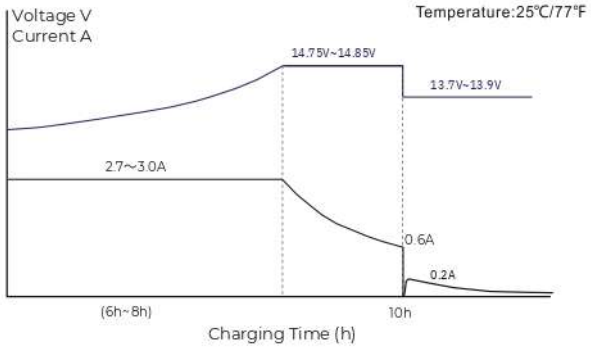


Electrical Characteristics

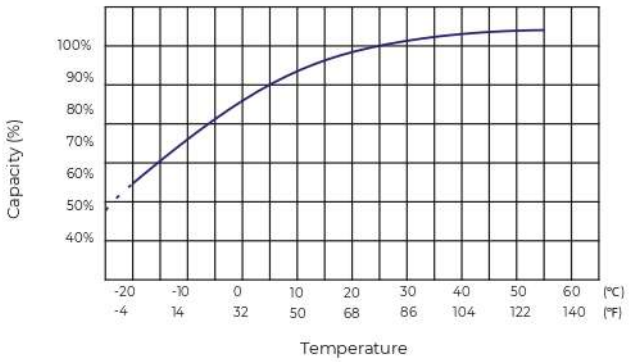
Discharging Characteristics@25°C(77°F)



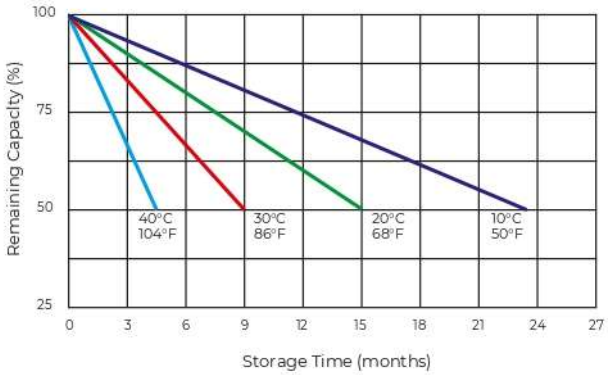
Charging Characteristics@25°C(77°F)



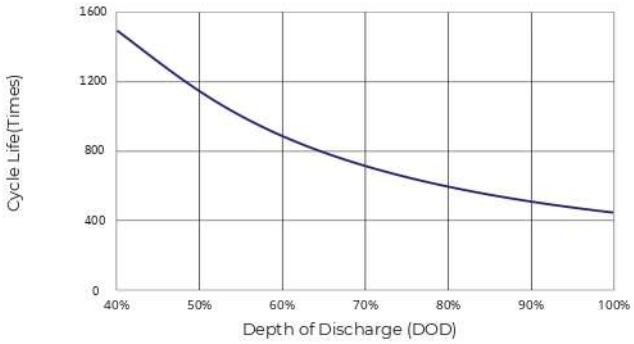
Capacity vs Temperature



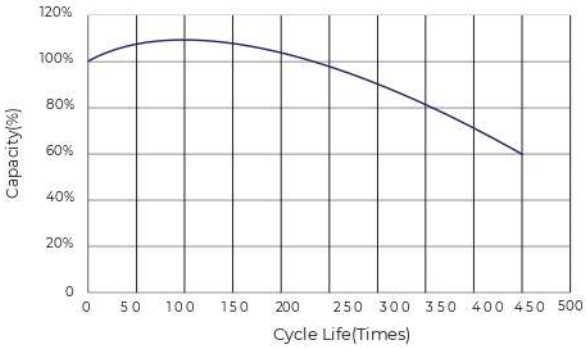
Self-discharge vs Time



Cycle Life vs Depth of Discharge@25°C(77°F)



Cycle Life vs Remaining Capacity@25°C(77°F)



Usage and Maintenance

Limited Current	Limited Voltage	Floating Voltage
Limited current: ≤0.12CA	14.75V~14.85V@25 °C (77 °F) Temp.Coefficient:-24mV/°C	13.7V~13.9V@25 °C (77 °F) Temp.Coefficient:-18mV/°C