

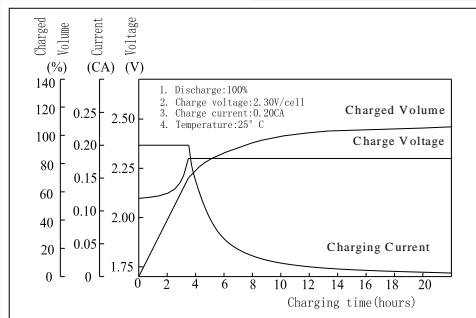
Valve Regulated Lead Acid Battery

<p>MT28000 2 volts 800Ah</p> <p>Total Height:367 (include top cover)</p>	<p>MT28000 having its design life of 20 years @ 20 degree Celsius for floating application and around 1200 cycles for 30% depth of discharge for cyclic application.</p> <p>As our product were all rechargeable , highly efficient, maintenance free & leakage proof usable in all positions and it meets the standards of JISC, BS, DIN, IEC etc.</p> <p>We're ISO9001certified &UL approved as well as CE</p> <p>Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 & UL94V-2 (flame retardant types could be arranged).</p>
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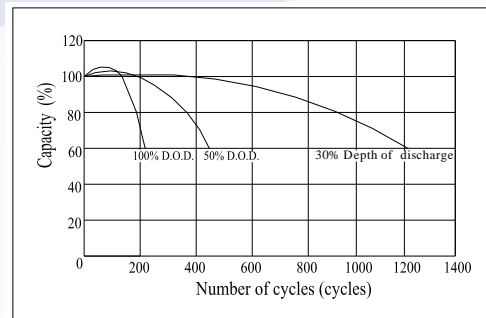
Specification

Nominal voltage	2 volts
Capacity	800 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 410 mm W: 175 mm H: 330 mm TH: 367 mm
Weight approx.	55 kg or 121.3 pounds
Internal resistance	Approx. 0.24 mΩ
Self-discharge rate	Approx. 3% per month @ 25 degree Celsius
Operation temperature range	Discharged: -15 to 50 degree Celsius (5 to 122 degree F)
	Charging: 5 to 35 degree Celsius (41 to 95 degree F)
	Storage: 0 degree to 40 degree Celsius (32 to 104 degree F)
Floating charge voltage	2.25 to 2.30 volts (-3mv / degree Celsius)
Cyclic charging voltage	2.42 to 2.48 volts (-4mv / degree Celsius)
Maximum charging current	160 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper T10
Container material	General ABS resin

Charging Characteristics(25°C)



Cycle Life(25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	2010	1326	1085	723	522	212	150	81.6	43.2
1.70V	1909	1260	1042	694	501	209	148	80.9	42.9
1.80V	1794	1184	989	660	476	205	145	80.0	42.6

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	3517	2387	1985	1352	992	416	297	162	86.5
1.70V	3341	2268	1907	1298	952	410	293	160	85.7
1.80V	3141	2132	1812	1235	905	402	287	160	85.2