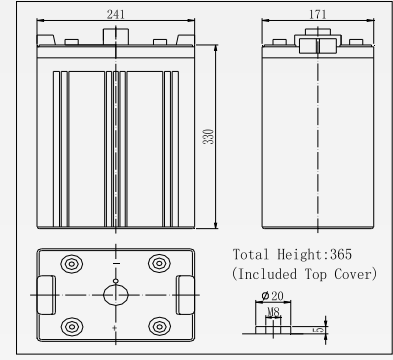


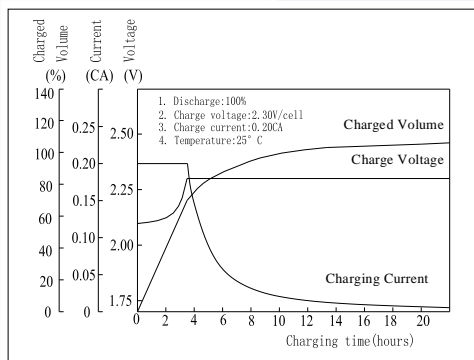
Valve Regulated Lead Acid Battery

<p>MT25000D 2 volts 500Ah</p>  <p>Total Height: 365 (Included Top Cover)</p>	<p>MT25000D having its design life of 20 years @ 20 degree Celsius for floating application and around 1400 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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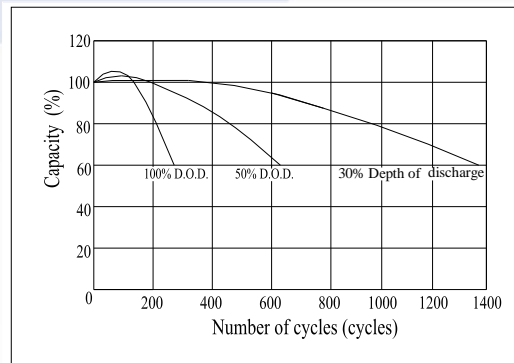
Specification

Nominal voltage	2 volts
Capacity	500 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 241 mm W: 171 mm H: 330 mm TH: 365 mm
Weight approx.	30.5 kg or 67.2 pounds
Internal resistance	Approx. 0.4m Ω
Self-discharge rate	Approx. less than 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	100 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
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	1275	842	682	455	328	132	93.9	50.8	26.9
1.70V	1211	799	654	436	315	130	92.5	50.3	26.7
1.80V	1139	751	622	415	299	127	90.7	50.0	26.5

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	2231	1515	1248	850	624	259	185	101	53.8
1.70V	2120	1439	1198	816	599	255	182	100	53.3
1.80V	1993	1353	1138	775	569	250	179	100	53.0