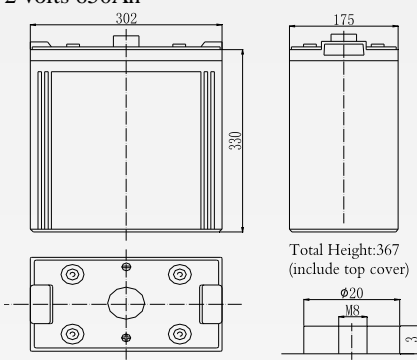


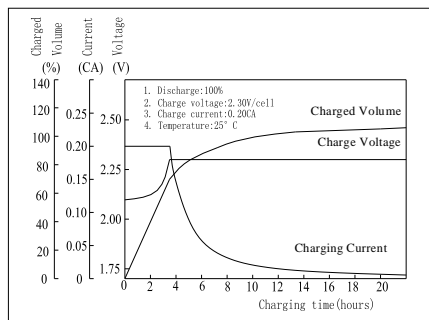
Valve Regulated Lead Acid Battery

<p>MT500 2 volts 650Ah</p>  <p>Total Height:367 (include top cover)</p>	MT6500 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.
	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.
	We're ISO9001certified &UL approved as well as CE
Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 & UL94V-2 (flame retardant types could be arranged).	

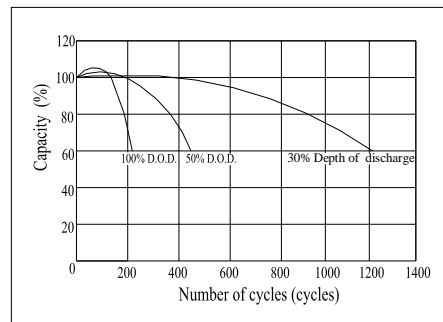
Specification

Nominal voltage	2 volts
Capacity	650 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 302 mm W: 175 mm H: 330 mm TH: 367 mm
Weight approx.	39.5 kg or 87 pounds
Internal resistance	Approx. 0.31 m Ω
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	130 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	1633	1078	882	587	425	171	122	66.3	35.4
1.70V	1551	1024	846	563	406	169	120	65.8	35.1
1.80V	1458	962	804	535	387	166	118	65.0	34.9

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	2858	1939	1613	1100	806	337	242	131	70.7
1.70V	2715	1844	1550	1054	774	333	238	130	70.1
1.80V	2552	1732	1471	1001	736	326	233	130	69.7