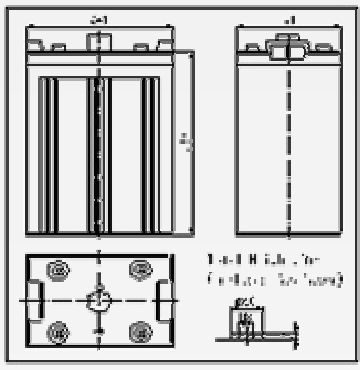


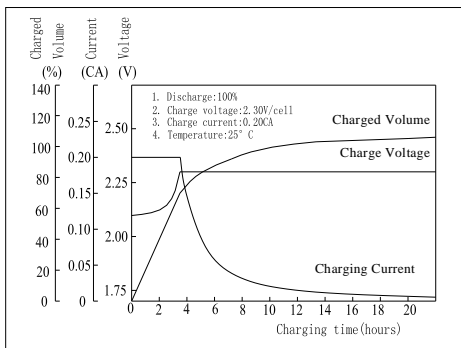
Valve Regulated Lead Acid Battery

<p>MT25000S 2 volts 500Ah</p> 	MT25000S having its design life of 20 years @ 25 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).	

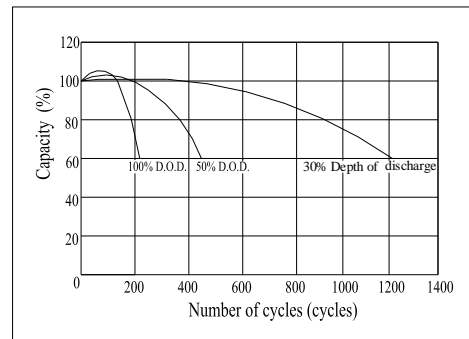
Specification

Nominal voltage	2 volts
Capacity	500 ampere hours @25°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 214 mm W: 174 mm H: 349 mm TH: 358 mm
Weight approx.	30 kg or 66.2 pounds
Internal resistance	Approx. 0.4 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	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	1125	742	607	405	292	130	89.2	50.8	26.3
1.70V	1069	705	583	388	280	128	87.8	50.3	26.1
1.80V	1004	663	554	369	266	125	86.1	50.0	25.9

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1969	1337	1112	758	556	256	176	101	52.7
1.70V	1871	1270	1067	727	534	252	173	100	52.2
1.80V	1758	1194	1014	690	507	248	170	100	51.9