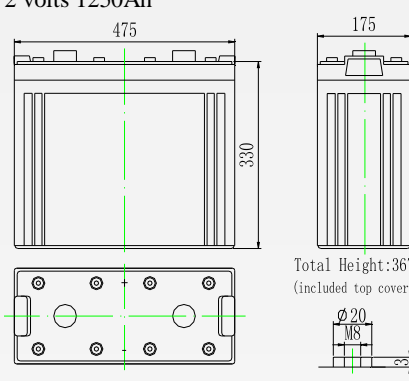


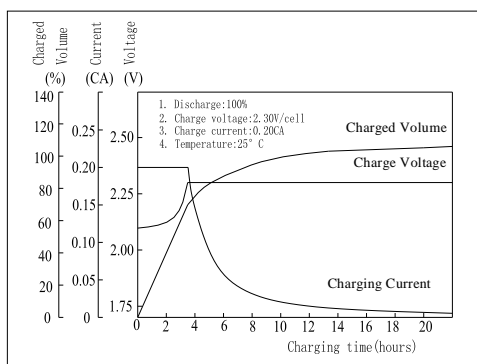
Valve Regulated Lead Acid Battery

<p>MT212500 2 volts 1250Ah</p>  <p>Total Height: 367 (included top cover)</p>	MT212500 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).

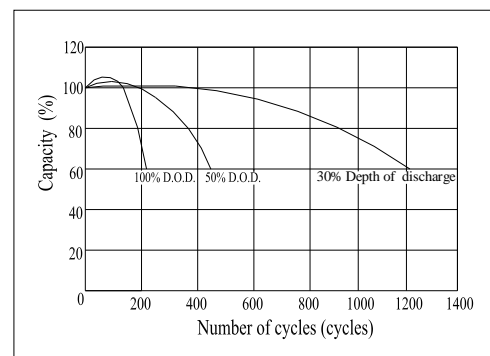
Specification

Nominal voltage	2 volts
Capacity	1250 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 475 mm W: 175 mm H: 330 mm TH: 367 mm
Weight approx.	69 kg or 152.2 pounds
Internal resistance	Approx. 0.18 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	250 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	3125	2063	1688	1125	813	324	231	127	66.6
1.70V	2969	1959	1620	1080	780	319	228	126	66.0
1.80V	2791	1842	1539	1026	741	312	223	125	65.6

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	5469	3713	3088	2104	1544	634	455	252	133
1.70V	5195	3527	2965	2020	1482	625	448	250	132
1.80V	4884	3315	2816	1919	1408	612	439	249	131