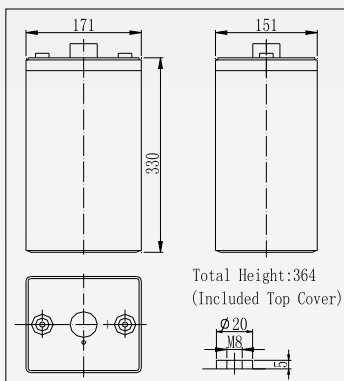


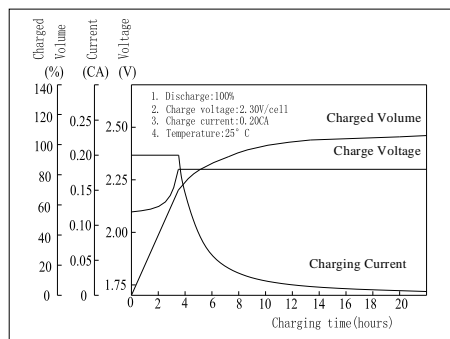
## Valve Regulated Lead Acid Battery

<p>MT24000S 2 volts 400Ah</p> 	MT24000S 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).

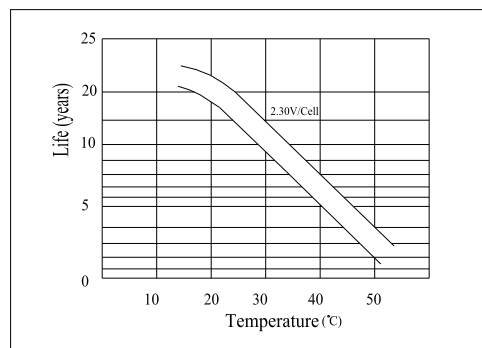
### Specification

Nominal voltage	2 volts
Capacity	400 ampere hours @25°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 171 mm W: 151 mm H: 330 mm TH: 364 mm
Weight approx.	26.5 kg or 58.4 pounds
Internal resistance	Approx. 0.5 mΩ
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	80 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
Container material	General ABS resin

### Charging Characteristics(25°C)



### Temperature Affects On Floating Life



### Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1005	663	542	361	261	106	75.5	40.8	21.6
1.70V	954	630	520	347	251	104	74.4	40.4	21.4
1.80V	897	591	494	329	238	102	72.9	40.0	21.3

### Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1758	1193	992	676	496	208	148	81.2	43.2
1.70V	1670	1134	952	650	476	205	146	80.5	42.9
1.80V	1570	1065	890	616	453	201	143	80.3	42.6