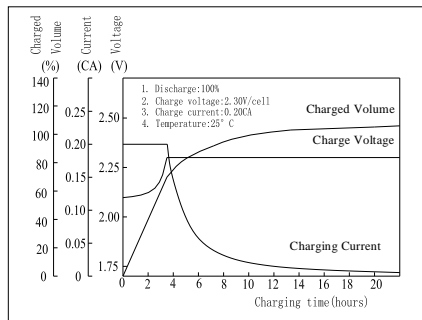


<p>MT23000 2 volts 300Ah</p>	MT23000 having its design life of 20 years @ 20 degree Celsius for floating
	application and around 1200 cycles for 30% depth of discharge for cyclic
	application.
	As our product were all rechargeable , highly efficient, maintenance free &
	leakage proof usable in all positions 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).	

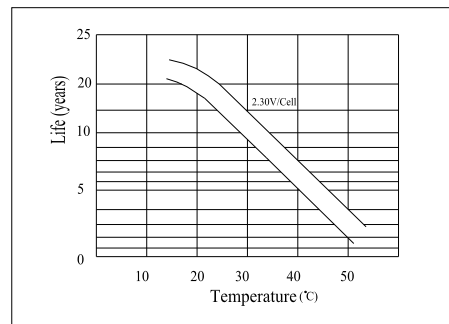
**Specification**

Nominal voltage	2 volts
Capacity	300 ampere hours @20°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.	19.5 kg or 43 pounds
Internal resistance	Approx. 0.65m 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 (-15mv / degree Celsius )
Cyclic charging voltage	2.42 to 2.48 volts (-20mv / degree Celsius)
Maximum charging current	60 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper T10
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	753	497	407	271	196	79.6	56.6	30.7	16.3
1.70V	716	472	390	260	187	78.4	55.8	30.4	16.2
1.80V	673	444	370	247	178	76.8	54.7	30.0	16.1

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	1318	895	744	507	372	155	111	60.9	32.7
1.70V	1254	850	715	486	357	153	109	60.4	32.4
1.80V	1177	800	678	462	339	150	107	60.0	32.2