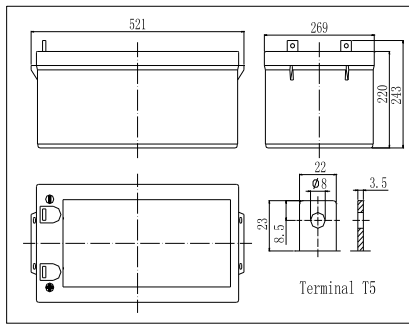


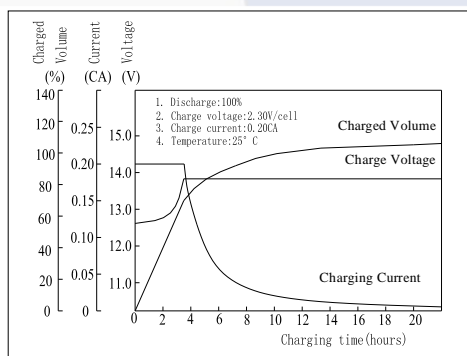
Valve Regulated Lead Acid Battery

<p>MT123000 12 volts 300Ah</p> 	MT123000 having its design life of 10 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).	

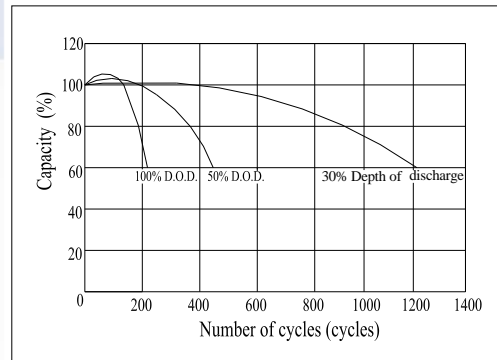
Specification

Nominal voltage	12 volts
Capacity	300 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 521 mm W: 269 mm H: 220 mm TH: 242 mm
Weight approx.	73 kg or 161 pounds
Internal resistance	Approx. 2.5 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	13.50 to 13.80 volts (-15mv / degree Celsius)
Cyclic charging voltage	14.50 to 14.90 volts (-20mv / degree Celsius)
Maximum charging current	90 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper--T5/T11
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
9.60V	934	632	500	319	196	77.0	55.1	30.6	16.1
10.20V	887	601	479	306	187	76.0	54.2	30.4	16.0
10.80V	834	565	455	292	179	74.4	53.2	30.0	15.8

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	9814	6838	5495	3584	2240	906	650	365	194
10.20V	9323	6496	5274	3442	2150	893	641	361	192
10.80V	8764	6106	5011	3270	2044	875	628	361	190