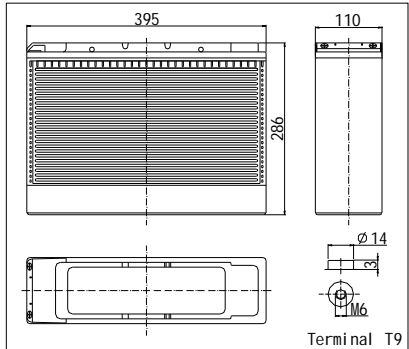


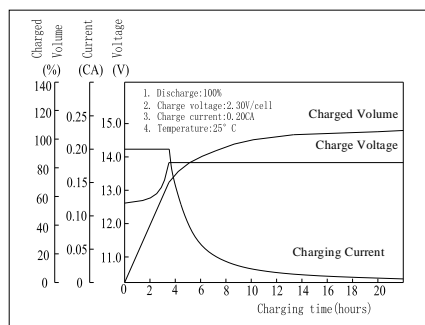
Valve Regulated Lead Acid Battery

<p>MT121000AFT 12 volts 100Ah</p> 	MT121000AFT having its design life of 12 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).	

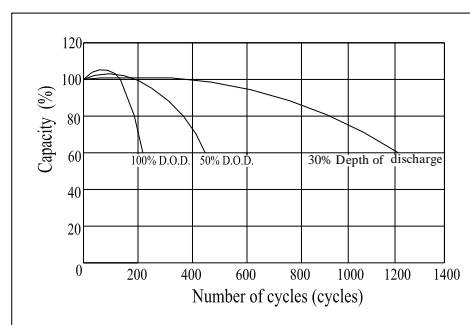
Specification

Nominal voltage	12 volts
Capacity	100 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 395 mm W: 110 mm H: 286 mm TH: 286 mm
Weight approx.	32.0 kg or 70.6 pounds
Internal resistance	Approx. 5 m Ω
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	30 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
9.60V	311	214	172	108	65.3	26.5	18.5	10.3	5.38
10.20V	296	203	165	102	62.7	26.1	18.2	10.2	5.38
10.80V	278	190	157	97.1	59.6	25.6	17.8	10.0	5.33

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3271	2311	1898	1188	744	311	220	123	64.5
10.20V	3107	2195	1822	1147	714	307	216	122	64.5
10.80V	2921	2064	1730	1090	679	301	211	119	63.9