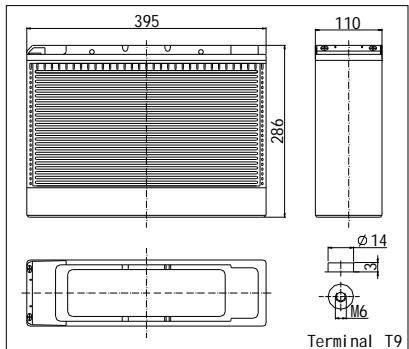


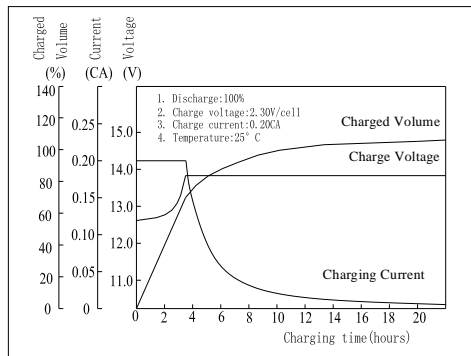
## Valve Regulated Lead Acid Battery

<p>MT121050FT 12 volts 105Ah</p> 	MT121050FT 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).	

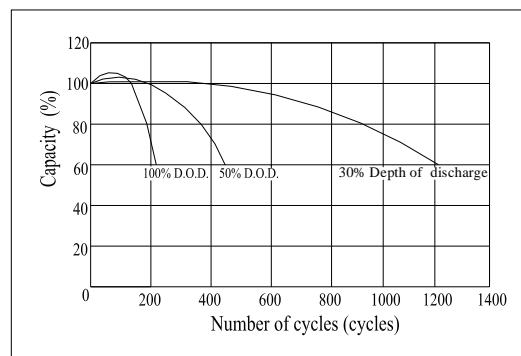
### Specification

Nominal voltage	12 volts
Capacity	105 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.	33 kg or 72.8 pounds
Internal resistance	Approx. 4.2 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	31.5 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	322	215	170	107	66.5	27.3	19.3	10.7	5.63
10.20V	306	204	163	103	63.8	26.9	18.9	10.6	5.58
10.80V	287	191	155	98.0	60.6	26.3	18.5	10.5	5.54

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3385	2321	1873	1207	757	321	228	127	67.4
10.20V	3216	2204	1798	1158	727	316	224	126	66.8
10.80V	3023	2073	1708	1100	691	310	220	126	66.5