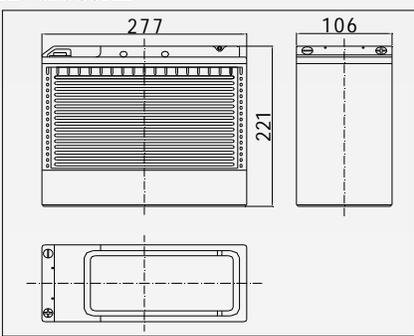


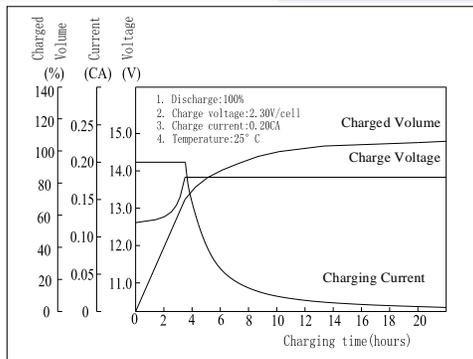
Valve Regulated Lead Acid Battery

<p>MT12550FT 12 volts 55Ah</p> 	MT12550FT 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).

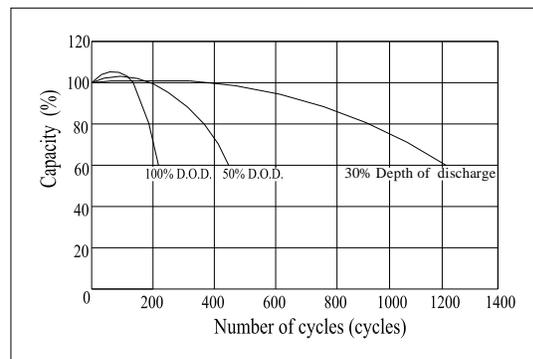
Specification

Nominal voltage	12 volts
Capacity	55 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 277 mm W: 106 mm H: 221 mm TH: 221 mm
Weight approx.	17.5 kg or 38.6 pounds
Internal resistance	Approx. 6 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	16.5 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	168	112	88.9	56.1	34.7	14.2	10.0	5.58	2.93
10.20V	160	106	85.4	53.8	33.3	14.0	9.90	5.53	2.90
10.80V	150	100	81.1	51.1	31.6	13.7	9.70	5.50	2.89

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	1765	1210	977	629	395	167	119	66.7	35.2
10.20V	1676	1149	937	604	379	165	117	66.1	34.9
10.80V	1576	1081	891	574	360	162	115	65.7	34.7