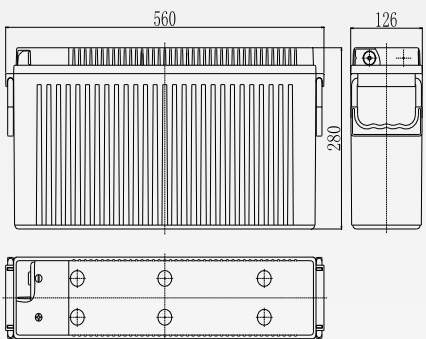


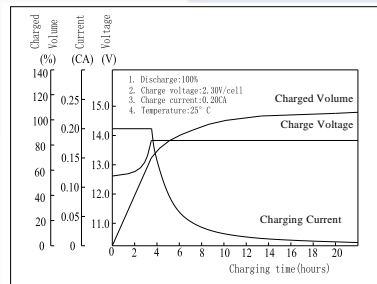
Valve Regulated Lead Acid Battery

<p>MT121550AFT 12 volts 155Ah</p> 	MT121550AFT having its design life of 12 years @ 25 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).

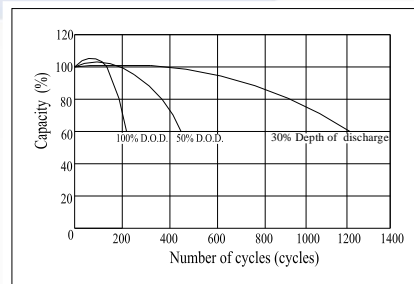
Specification

Nominal voltage	12 volts
Capacity	155 ampere hours @25°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 560 mm W: 126 mm H: 280 mm TH: 280 mm
Weight approx.	49 kg or 108 pounds
Internal resistance	Approx. 3.5 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	46.5 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	474	316	251	158	97.7	40.1	28.3	15.7	8.26
10.20V	450	300	241	152	93.7	39.5	27.9	15.6	8.19
10.80V	423	282	229	144	89.1	38.7	27.3	15.5	8.14

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	4973	3410	2752	1772	1113	472	335	188	99.1
10.20V	4724	3239	2642	1702	1069	465	330	186	98.2
10.80V	4441	3045	2510	1617	1015	456	323	185	97.7