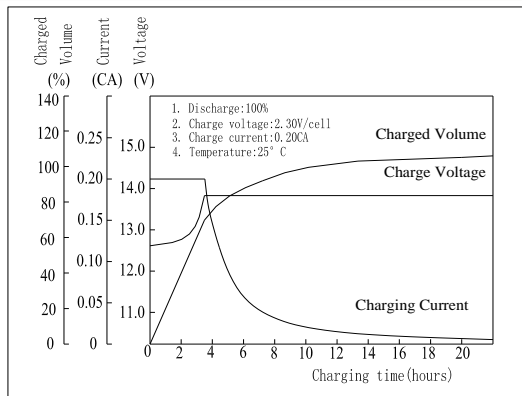


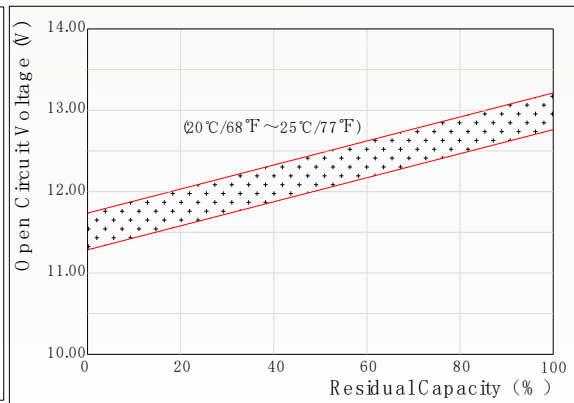
MT122550G 12 volts 250Ah 	MT122550G having its design life of 15 years @ 20 degree Celsius for floating application and around 2000 cycles for 30% depth of discharge for cyclic application.
	As our product were all rechargeable , highly efficient, maintenance free & leakage proof usable in all positions and it meets the standards of JISC, BS, DIN, IEC etc.
	We're ISO9001 certified & 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	255 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 522 mm W: 238 mm H: 218 mm TH: 238 mm
Weight approx.	72 kg or 158.8 pounds
Internal resistance	Approx. 2.8 mΩ
Self-discharge rate	Approx. 3% per month @ 25 degree Celsius
Operation temperature range	Discharged: -15 to 60 degree Celsius
	Charging: 5 to 60 degree Celsius
	Storage: 0 degree to 60 degree Celsius
Floating charge voltage	13.50 to 13.80 volts (-15mv / degree Celsius)
Cyclic charging voltage	14.10 to 14.40 volts (-20mv / degree Celsius)
Maximum charging current	62.5 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
Container material	General ABS resin

Charging Characteristics(25°C)



Open Circuit Voltage vs Residual Capacity (25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	540	413	380	245	155	60.9	41.6	25.4	13.1
10.20V	513	392	365	235	149	60.0	41.0	25.2	13.0
10.80V	482	368	347	223	141	58.8	40.2	25.0	12.9

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	5670	4455	4172	2749	1767	716	492	303	157
10.20V	5387	4232	4006	2639	1696	706	485	300	155
10.80V	5063	3978	3805	2507	1612	691	475	299	155