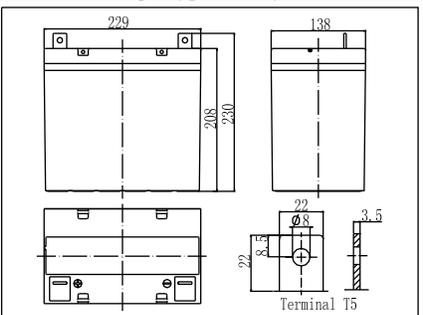


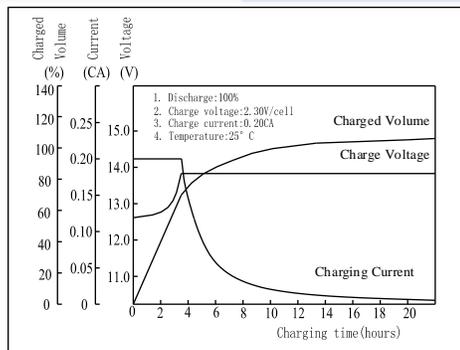
Valve Regulated Lead Acid Battery

<p>MT12550G 12 volts 55Ah gel type battery</p> 	MT12550G having its design life of 12 years @ 20 degree Celsius for floating
	application and around 2000 cycles with 30% D.O.D. for deep 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).	

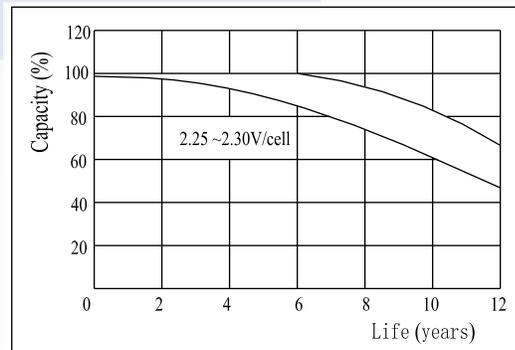
Specification

Nominal voltage	12 volts
Capacity	55 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 229 mm W: 138 mm H: 208 mm TH: 230 mm
Weight approx.	17 kg or 37.4 pounds
Internal resistance	Approx. 7 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	14.10 to 14.40 volts (-20mv / degree Celsius)
Maximum charging current	13.75 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
Container material	General ABS resin

Charging Characteristics(25°C)



Floating Life Characteristics (25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	177	118	91.7	57.8	35.0	14.2	10.0	5.58	2.93
10.20V	168	112	88.0	55.5	33.6	14.0	9.90	5.53	2.90
10.80V	158	105	83.6	52.7	31.9	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	1856	1272	1006	648	399	167	119	66.7	35.2
10.20V	1763	1209	966	622	383	165	117	66.1	34.9
10.80V	1657	1136	918	591	364	162	115	66.1	34.7