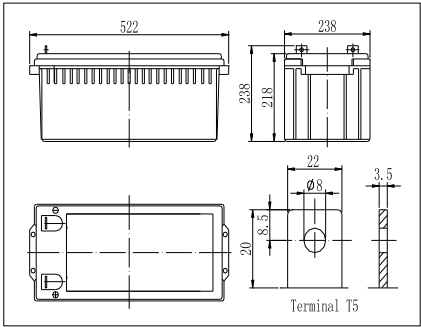


MT122000G (12V200AH) GEL TYPE

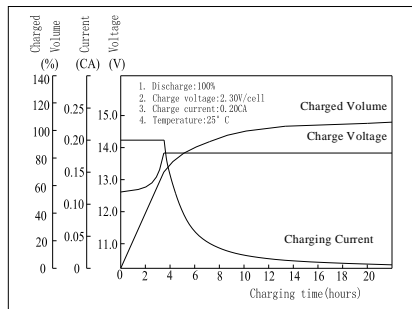
Valve Regulated Lead Acid Battery

<p>MT122000G 12 volts 200Ah</p> 	<p>MT122000G having its design life of 12 years @ 20 degree Celsius for floating application and around 1500 cycles for 30% depth of discharge for cyclic application.</p> <p>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.</p> <p>We're ISO9001certified &UL approved as well as CE</p> <p>Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 & UL94V-2 (flame retardant types could be arranged).</p>
---	---

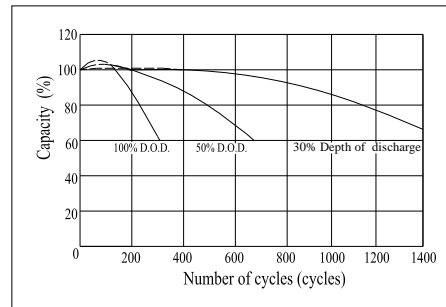
Specification

Nominal voltage	12 volts
Capacity	200 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.	61 kg or 134 pounds
Internal resistance	Approx. 3.3 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	50 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	432	330	304	196	124	48.7	33.3	20.3	11.1
10.20V	410	314	292	188	119	48.0	32.8	20.1	11.0
10.80V	386	295	277	179	113	47.0	32.1	20.0	11.0

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	4536	3564	3338	2199	1414	573	394	242	125
10.20V	4309	3386	3204	2111	1357	564	388	240	124
10.80V	4051	3183	3044	2006	1289	553	380	239	124