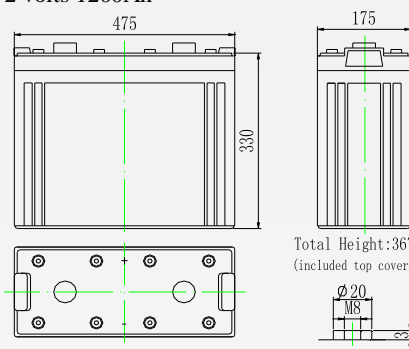


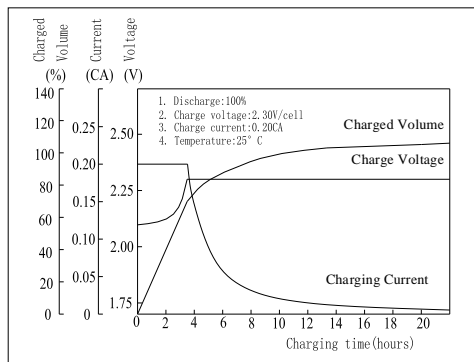
## Valve Regulated Lead Acid Battery

<p>MT212000G 2 volts 1200Ah</p>  <p>Total Height: 367 (included top cover)</p>	MT212000G having its design life of 20 years @ 20 degree Celsius for floating
	application and around 1800 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).	

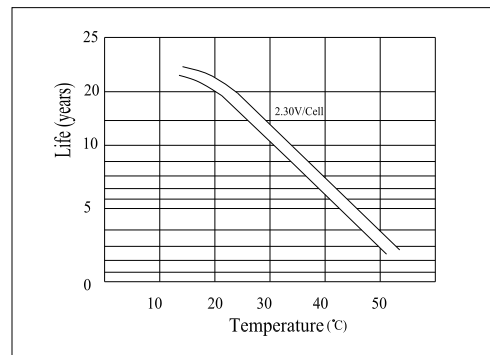
### Specification

Nominal voltage	2 volts
Capacity	1200 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 475 mm W: 175 mm H: 330 mm TH: 367 mm
Weight approx.	69 kg or 152.2 pounds
Internal resistance	Approx. 0.20 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	2.25 to 2.30 volts (-3mv / degree Celsius)
Cyclic charging voltage	2.35 to 2.40 volts (-4mv / degree Celsius)
Maximum charging current	240 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
Container material	General ABS resin

### Charging Characteristics(25°C)



### Temperature affects on floating life



### Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	2592	1740	1464	1032	744	292	201	122	63.3
1.70V	2462	1653	1405	991	714	288	198	121	62.8
1.80V	2315	1554	1335	941	679	282	194	120	62.4

### Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	4536	3132	2679	1930	1414	573	396	242	127
1.70V	4309	2975	2572	1853	1357	564	390	240	126
1.80V	4051	2797	2443	1760	1289	553	382	239	125