

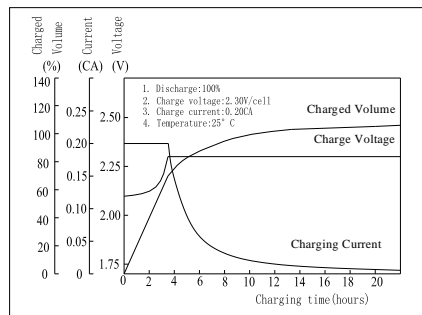
Valve Regulated Lead Acid Battery

<p>MT213000Z 2 volts 1300Ah</p>	MT213000Z having its design life of 20 years @ 20 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).	

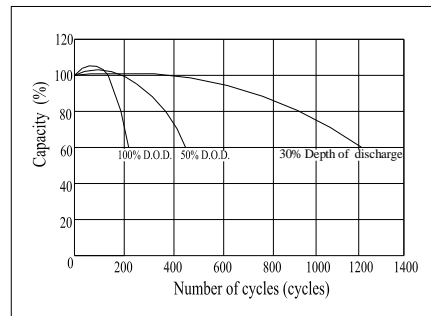
Specification

Nominal voltage	2 volts
Capacity	1300 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.	71 kg or 156 pounds
Internal resistance	Approx. 0.17 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	2.42 to 2.48 volts (-4mv / degree Celsius)
Maximum charging current	260 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
1.60V	3250	2145	1755	1170	845	337	241	132	69.2
1.70V	3088	2038	1685	1123	811	332	236	131	68.7
1.80V	2902	1915	1600	1067	770	325	232	130	68.3

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	5688	3861	3212	2188	1606	660	473	262	138
1.70V	5404	3668	3083	2101	1542	650	466	260	137
1.80V	5079	3448	2929	1996	1465	637	457	260	136