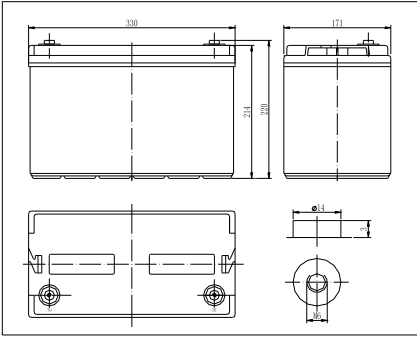


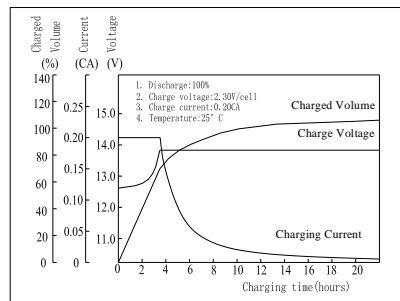
Valve Regulated Lead Acid Battery

<p>MT121000 12 volts 100Ah</p> 	<p>MT121000 having its design life of 10 years @ 25 degree Celsius for floating application and around 1200 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>
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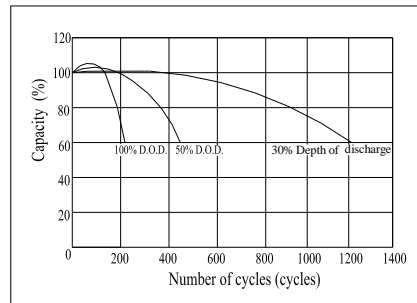
Specification

Nominal voltage	12 volts
Capacity	100 ampere hours @25°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 330 mm W: 171 mm H: 214 mm TH: 220 mm
Weight approx.	30.5 kg or 67.3 pounds
Internal resistance	Approx. 4.5 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	14.50 to 14.90 volts (-20mv / degree Celsius)
Maximum charging current	30 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper - T9
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	321	221	175	108	65.3	26.5	18.5	10.3	5.38
10.20V	305	210	168	104	62.7	26.1	18.2	10.2	5.38
10.80V	287	196	160	99.2	59.6	25.6	17.8	10.0	5.33

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3376	2387	1931	1218	744	311	220	123	64.5
10.20V	3207	2268	1854	1172	714	307	216	122	64.5
10.80V	3018	2127	1765	1114	679	301	211	119	63.9