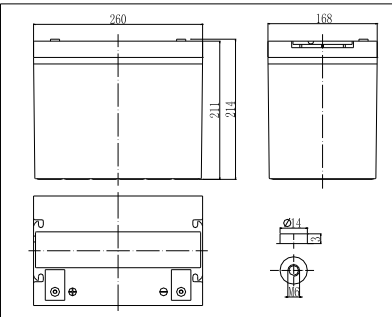


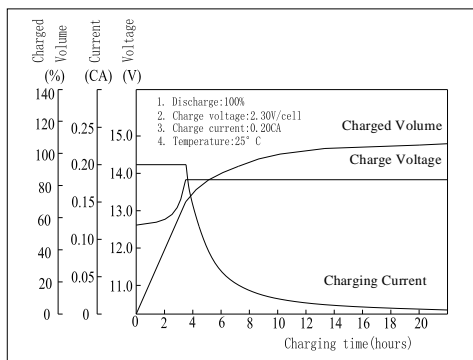
## Valve Regulated Lead Acid Battery

<p>MT12750HR 12 volts 75Ah</p> 	<p>MT12750HR having its design life of 10 years @ 20 degree Celsius for floating</p>
	<p>application and around 1200 cycles for 30% depth of discharge for cyclic</p>
	<p>application.</p>
	<p>As our product were all rechargeable , highly efficient, maintenance free &amp;</p>
	<p>leakage proof usable in all positions and it meets the standards of JISC, BS,</p>
	<p>DIN, IEC etc.</p>
<p>We're ISO9001certified &amp;UL approved as well as CE</p>	
<p>Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 &amp;</p>	
<p>UL94V-2 (flame retardant types could be arranged).</p>	

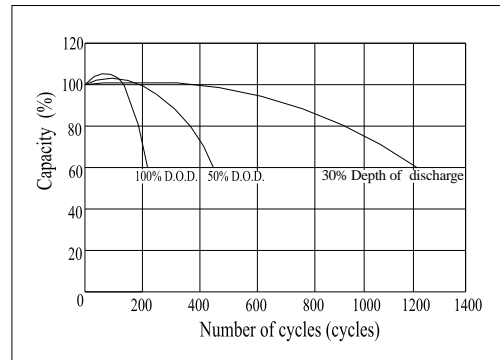
### Specification

Nominal voltage	12 volts
Capacity	75 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 260 mm W: 168 mm H: 211 mm TH: 214 mm
Weight approx.	22.5 kg or 49.6 pounds
Internal resistance	Approx. 6 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	22.5 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	237	158	124	78.3	47.5	19.5	13.7	7.65	4.02
10.20V	225	150	119	75.2	45.6	19.2	13.5	7.59	3.98
10.80V	212	141	113	71.4	43.3	18.7	13.2	7.50	3.96

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	2493	1709	1365	879	541	229	162	91.3	48.2
10.20V	2368	1624	1310	844	519	226	160	90.5	47.7
10.80V	2226	1526	1245	801	493	221	156	90.5	47.5