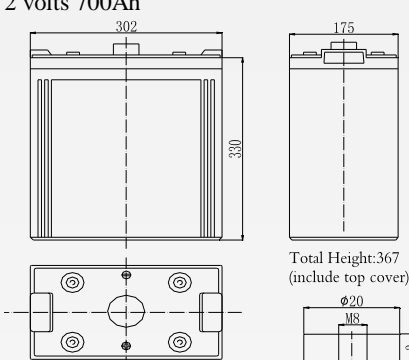


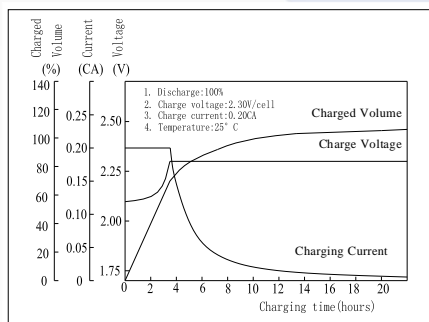
Valve Regulated Lead Acid Battery

<p>MT27000 2 volts 700Ah</p>  <p>Total Height:367 (include top cover)</p>	MT27000 having its design life of 20 years @ 25 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).	

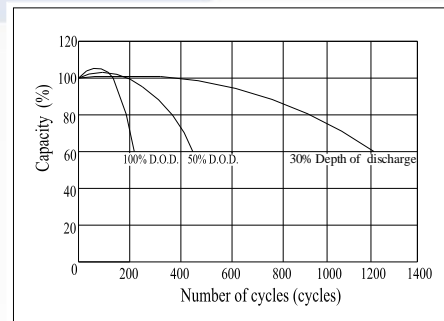
Specification

Nominal voltage	2 volts
Capacity	700 ampere hours @25°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 302 mm W: 175 mm H: 330 mm TH: 367 mm
Weight approx.	42.2 kg or 93 pounds
Internal resistance	Approx. 0.28 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	140 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	1758	1160	949	633	457	181	129	71.4	37.4
1.70V	1671	1102	911	608	439	179	127	70.7	37.1
1.80V	1570	1036	866	577	417	175	125	70.0	36.9

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	3078	2089	1737	1183	869	356	256	141	74.9
1.70V	2923	1984	1668	1136	834	351	252	140	74.2
1.80V	2748	1866	1584	1079	791	344	247	140	73.8