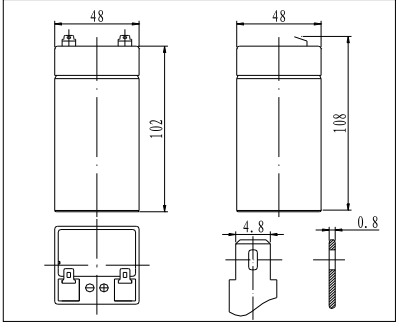
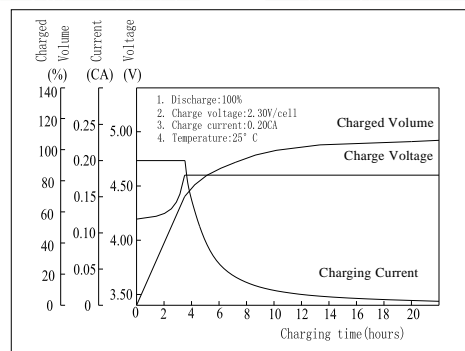
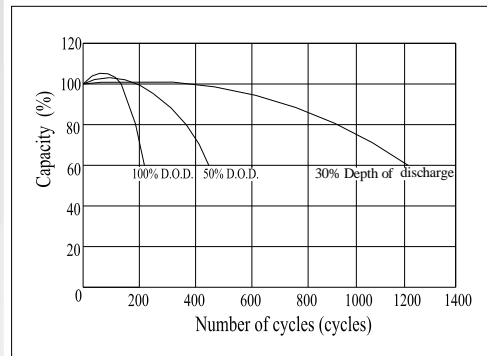


**Valve Regulated Lead Acid Battery**

<p>MT445 4 volts 4.5Ah</p> 	MT445 having its design life of 5 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	4 volts
Capacity	4.5 ampere hours @25°C, 20 hours rated (cut off voltage 1.75V/cell)
Dimension	L: 48 mm W: 48 mm H: 102 mm TH: 108 mm
Weight approx.	0.5 kg or 1.10 pounds
Internal resistance	Approx. 15 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	4.50 to 4.60 volts (-6mv / degree Celsius )
Cyclic charging voltage	4.85 to 4.95 volts (-8mv / degree Celsius)
Maximum charging current	1.35 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
3.20V	16.2	10.8	8.80	4.80	3.10	1.12	0.76	0.45	0.23
3.40V	15.4	10.3	8.45	4.65	3.02	1.10	0.75	0.45	0.23
3.60V	14.5	9.65	8.03	4.47	2.92	1.06	0.74	0.44	0.22

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

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
3.20V	60.3	40.6	33.4	18.3	12.0	4.44	3.02	1.80	0.92
3.40V	57.3	38.7	32.1	17.8	11.7	4.36	2.99	1.80	0.92
3.60V	53.9	36.3	30.5	17.1	11.3	4.20	2.95	1.76	0.88