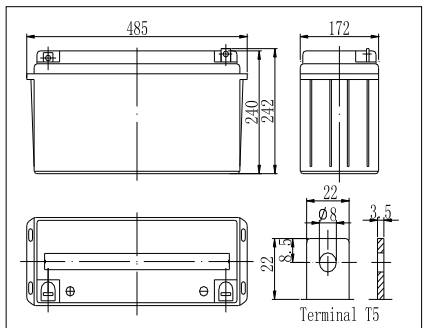


MT121500G (12V150AH) GEL TYPE

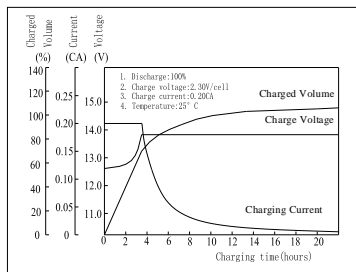
Valve Regulated Lead Acid Battery

<p>MT121500G 12 volts 150Ah</p> 	MT121500G having its design life of 12 years @ 20 degree Celsius for floating
	application and around 1500 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).	

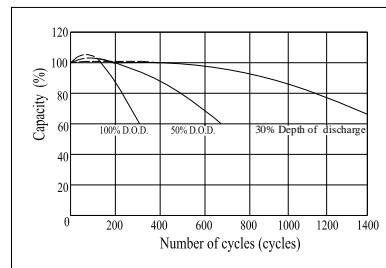
Specification

Nominal voltage	12 volts
Capacity	150 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 485 mm W: 172 mm H: 240 mm TH: 242 mm
Weight approx.	44.5 kg or 98.1 pounds
Internal resistance	Approx. 3.9 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	14.10 to14.40 volts (-20mv / degree Celsius)
Maximum charging current	37.5 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
9.60V	324	248	228	147	93.0	36.5	25.0	15.2	7.84
10.20V	308	235	219	141	89.3	36.0	24.6	15.1	7.77
10.80V	289	221	208	134	84.8	35.3	24.1	15.0	7.73

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	3402	2673	2503	1649	1060	430	295	182	94.1
10.20V	3232	2539	2403	1583	1018	423	291	180	93.3
10.80V	3038	2387	2283	1504	967	415	285	179	92.7