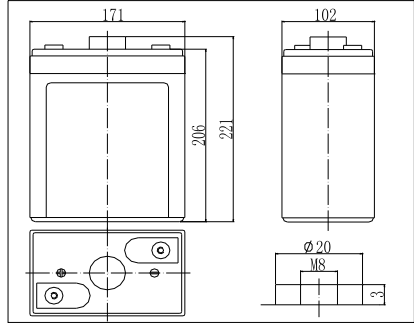


MT21500G (2V150AH) GEL TYPE

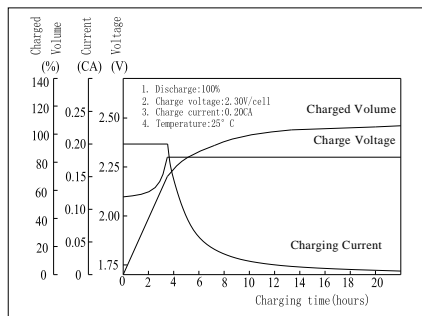
Valve Regulated Lead Acid Battery

<p>MT21500G 2 volts 150Ah</p> 	MT21500G having its design life of 20 years @ 20 degree Celsius for floating
	application and around 1800 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).	

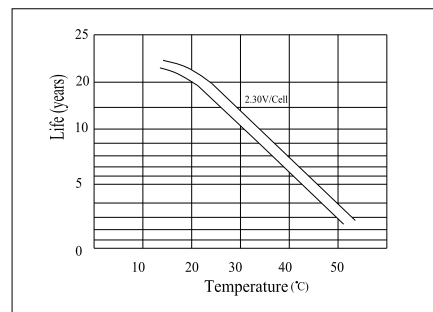
Specification

Nominal voltage	2 volts
Capacity	150 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 171 mm W: 102 mm H: 206 mm TH: 221 mm
Weight approx.	8.5 kg or 18.7 pounds
Internal resistance	Approx. 0.9 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	2.25 to 2.30 volts (-3mv / degree Celsius)
Cyclic charging voltage	2.35 to 2.40 volts (-4mv / degree Celsius)
Maximum charging current	30 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
Container material	General ABS resin

Charging Characteristics(25°C)



Temperature affects on floating life



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	324	218	183	129	93.0	36.5	25.1	15.2	7.92
1.70V	308	207	176	124	89.3	36.0	24.8	15.1	7.85
1.80V	289	194	167	118	84.8	35.3	24.3	15.0	7.80

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V	567	392	335	241	177	71.6	49.5	30.3	15.8
1.70V	539	372	321	232	170	70.6	48.8	30.0	15.7
1.80V	506	350	305	220	161	69.1	47.8	30.0	15.6