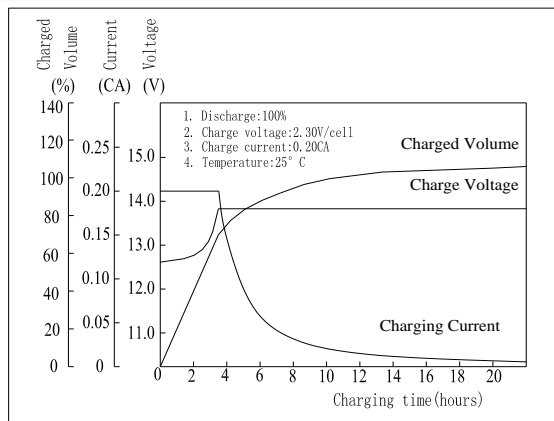


MT12180HR 12 volts 20Ah 	MT12180HR having its design life of 8 years @ 20 degree Celsius for floating
	application and around 1500 cycles for 30% depth of discharge for cyclic
	application.
	As our product were all rechargeable , highly efficient, maintenance free &
	leakage proof usable in all positions 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).	

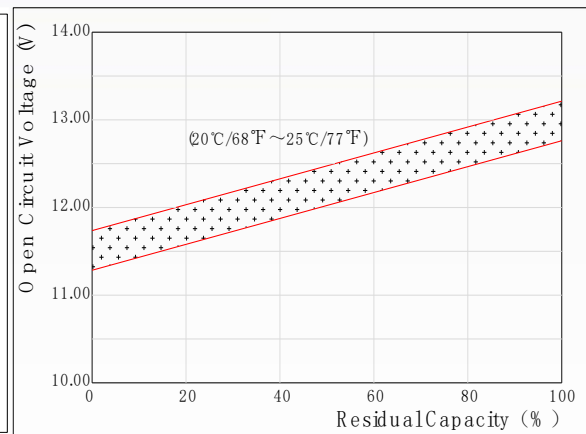
Specification

Nominal voltage	12 volts
Capacity	20 ampere hours @20°C, 20 hours rated (cut off voltage 1.75V/cell)
Dimension	L: 181 mm W: 77 mm H: 167 mm TH: 167 mm
Weight approx.	5.60 kg or 12.4 pounds
Internal resistance	Approx. 12 mΩ
Self-discharge rate	Approx. 3% per month @ 25 degree Celsius
Operation temperature range	Discharged: -20 to 60 degree Celsius
	Charging: 0 to 65 degree Celsius
	Storage: -20 degree to 60 degree Celsius
Floating charge voltage	13.60 to 13.80 volts (-15mv / degree Celsius)
Cyclic charging voltage	14.50 to 14.90 volts (-20mv / degree Celsius)
Maximum charging current	6 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper –T3/T8
Container material	General ABS resin

Charging Characteristics(25°C)



Open Circuit Voltage vs Residual Capacity (25°C)



Constant Current Discharge Characteristics (A, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	76.3	48.2	38.1	22.1	13.0	5.11	3.47	1.88	1.03
10.2V	72.5	45.8	36.6	21.2	12.5	5.03	3.42	1.86	1.02
10.8V	68.2	43.1	34.8	20.2	11.9	4.92	3.35	1.85	1.01

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	852	543	435	253	151	60.6	41.4	22.5	12.2
10.2V	810	516	418	243	145	59.7	40.8	22.3	12.1
10.8V	760	486	396	231	137	58.4	40.0	22.3	12.0