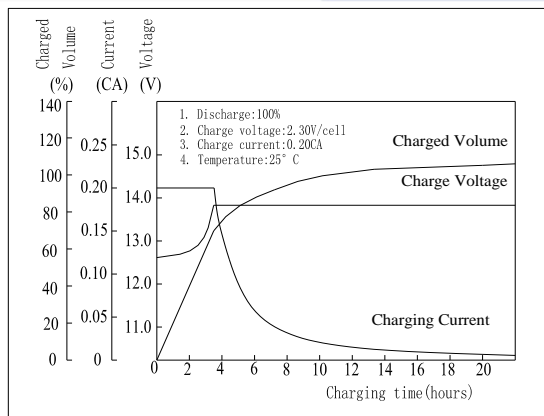


MT12400HR 12 volts 45Ah 	MT12400HR having its design life of 12 years @ 20 degree Celsius for floating
	application and around 1800 cycles for 30% depth of discharge for cyclic
	application.
	As our product were all rechargeable , highly efficient, maintenance free &
	leakage proof usable in all positions 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).

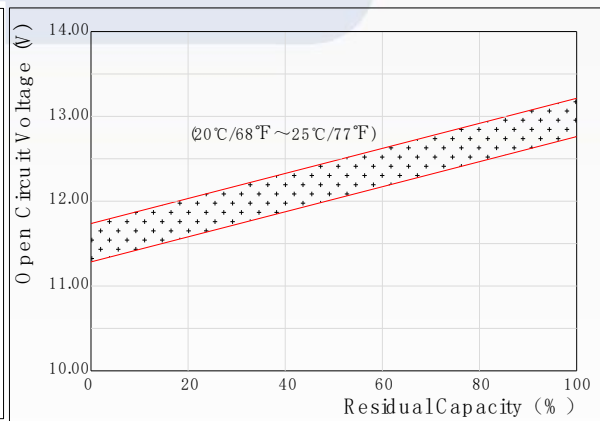
Specification

Nominal voltage	12 volts
Capacity	45 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 197 mm W: 165 mm H: 170 mm TH: 170 mm
Weight approx.	13.5kg or 29.8 pounds
Internal resistance	Approx. 8 mΩ
Self-discharge rate	Approx. 3% per month @ 25 degree Celsius
Operation temperature range	Discharged: -15 to 60 degree Celsius
	Charging: 5 to 65 degree Celsius
	Storage: 0 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	13.5 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper
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	130	88.4	73.3	43.2	27.1	11.2	7.86	4.49	2.29
10.20V	124	84.0	70.4	41.5	26.0	11.0	7.74	4.45	2.27
10.80V	116	78.9	66.9	39.4	24.7	10.8	7.59	4.42	2.26

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	1371	954	806	484	309	131	92.8	53.5	27.5
10.20V	1303	907	772	465	296	129	91.4	53.1	27.3
10.80V	1225	853	734	442	282	127	89.6	53.1	27.1