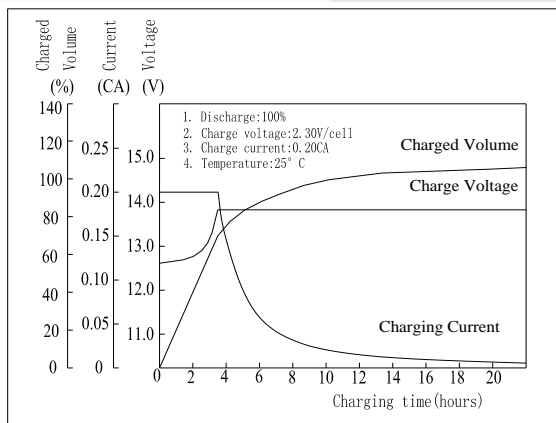


MT12850HR 12 volts 88Ah 	MT12850HR having its design life of 12 years @ 20 degree Celsius for floating application and around 1800 cycles for 30% depth of discharge for cyclic application. As our product were all rechargeable , highly efficient, maintenance free & leakage proof usable in all positions 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).
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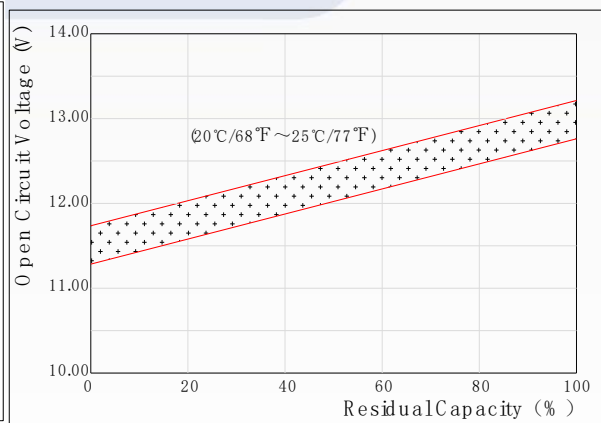
Specification

Nominal voltage	12 volts
Capacity	88 ampere hours @20°C, 10 hours rated (cut off voltage 1.80V/cell)
Dimension	L: 260 mm W: 168 mm H: 211 mm TH: 233 mm
Weight approx.	25 kg or 55.1 pounds
Internal resistance	Approx. 5 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 to14.90 volts (-20mv / degree Celsius)
Maximum charging current	25.5 ampere (A)
Boost/equalizing charge	Not required
Terminal type	Copper - T5/T9
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	270	185	145	90.0	55.0	21.6	15.5	8.82	4.49
10.20V	257	176	139	86.4	52.8	21.3	15.3	8.81	4.45
10.80V	241	165	132	82.1	50.2	20.9	15.0	8.80	4.42

Constant Power Discharge Characteristics (Watt, 25°C)

F.V/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
9.60V	2835	1998	1592	1010	627	254	184	103	53.8
10.20V	2693	1898	1528	969	602	250	181	102	53.4
10.80V	2532	1784	1452	921	572	245	177	102	53.0