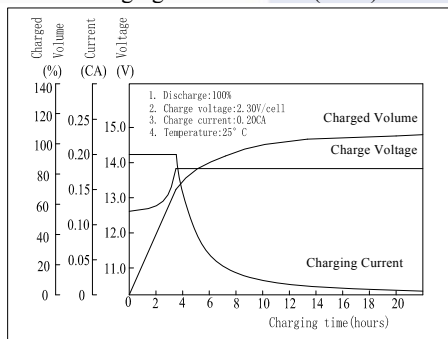


<p>MT12180HP-G 12 Volts 20Ah High Power and Gel Type</p>	MT12180HPG having its design life of 15 years @ 20°C for
	floating application and around 2000 cycles for 30% depth of discharge for
	cyclic application.
	As our product were all rechargeable , highly efficient, maintenance free &
	leakage proof usable in all positions and it meets the standards of JISC, BS,
	DIN, IEC etc.
<p>We're ISO9001 certified & UL approved as well as CE</p> <p>Our containers were all ABS resin and grades were : UL94-HB, UL94V-0 & UL94V-2 (flame retardant types could be arranged).</p>	

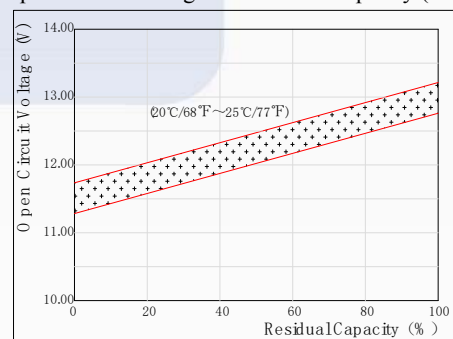
Specification

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: 166 mm TH: 166 mm
Weight approx.	5.4 kg or 17.9 pounds
Internal resistance	Approx. 13 mΩ
Self-discharge rate	Approx. 3% per month @ 25°C
Operation temperature range	Discharged: -15°C to 60°C
	Charging: 5°C to 60°C
	Storage: 0°C to 60°C
Floating charge voltage	13.50 V to 13.80 V (-15mV / °C)
Cyclic charging voltage	14.10 to 14.40 volts (-20mV / °C)
Maximum charging current	7.2 Amperes (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)

FV/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V/Cell	90.4	57.6	43.6	24.9	14.2	5.18	3.55	1.91	1.02
1.67V/Cell	87.5	55.8	42.5	24.2	13.9	5.13	3.52	1.90	1.01
1.70V/Cell	85.9	54.7	41.9	23.9	13.7	5.10	3.50	1.89	1.01
1.80V/Cell	80.7	51.5	39.8	22.7	13.0	5.00	3.43	1.88	1.00

Constant Power Discharge Characteristics (Watt, 25°C)

FV/TIME	5min	10min	15min	30min	60min	3h	5h	10h	20h
1.60V/Cell	170	109	84.6	48.5	27.8	10.4	7.11	3.82	2.03
1.67V/Cell	165	106	82.5	47.3	27.1	10.3	7.04	3.79	2.02
1.70V/Cell	161	104	81.2	46.5	26.7	10.2	7.00	3.78	2.01
1.80V/cell	152	97.8	77.2	44.2	25.3	10.0	6.86	3.78	2.00