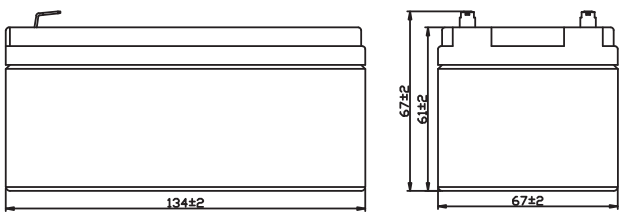
MODEL: MC3.3-12

Container Color
Black C
Grey 3 C

Plane Chart:

Unit:(mm) Terminal type:(F1)



MH49393

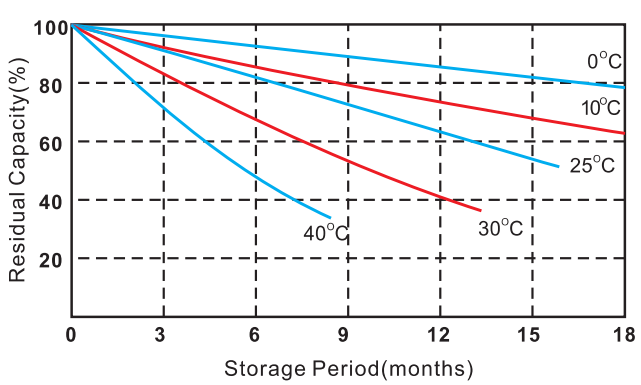
ISO9001
ISO14001
OHSAS18001

Parameter Chart:

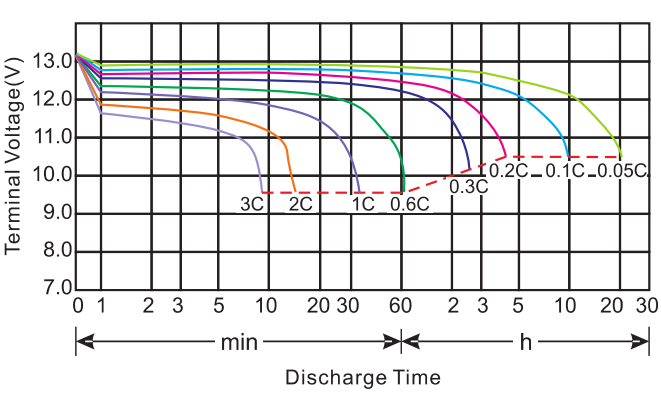
Volts	12V	
Capacity(25°C)	20 hours rate (0.165A)	3.3Ah
Discharge Current Testing (25°C)	20 I_{20} rate (3.3A,27min)	32min
	60 I_{20} rate (9.9A,7min)	7min
Internal Resistance	Full Charged Battery 25°C	45mΩ
Capacity Affected By Temperature	40°C	104%
	25°C	100%
	0°C	83%
	-15°C	65%
Residual Capacity (25°C)	Capacity After 3 Months Storage	91%
	Capacity After 6 Months Storage	82%
	Capacity After 12 Months Storage	65%
Charge (Constant Voltage) Cycle (25°C)	Initial Charging Current Less Than0.99A Voltage 14.5~14.9V	
Float (25°C)	Charge Voltage 13.6~13.8V	
Weight (Approx)	1.27Kg	

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.

Residual Capacity

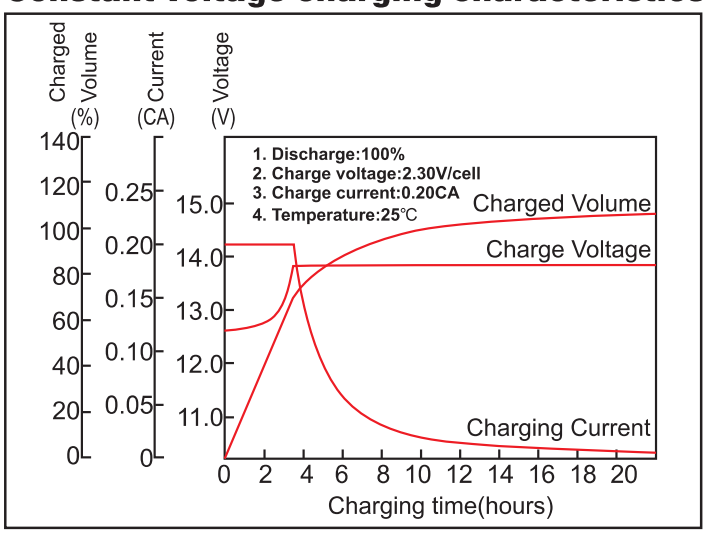


Discharge Current 25℃

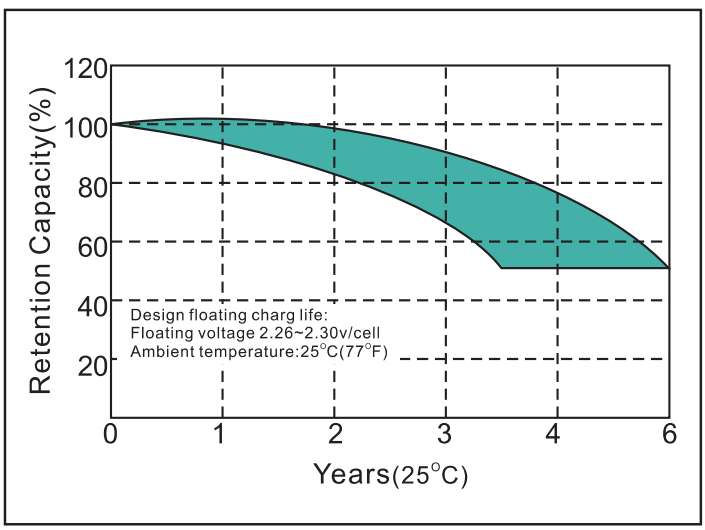


MODEL: MC3.3-12

Constant voltage charging characteristics



Float Life



Constant Current Discharge Characteristics (A, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	11.24	7.17	5.77	3.49	1.94	1.08	0.77	0.53	0.37	0.31	0.172
10.2V	10.69	6.81	5.54	3.35	1.87	1.06	0.76	0.52	0.36	0.30	0.168
10.5V	10.36	6.59	5.40	3.27	1.82	1.05	0.75	0.52	0.36	0.30	0.165
10.8V	10.03	6.38	5.26	3.18	1.77	1.04	0.74	0.51	0.36	0.29	0.155

Constant Current Discharge Characteristics (Watt, 25°C)

F.V/Time	5min	10min	15min	30min	60min	2h	3h	5h	8h	10h	20h
9.60V	125.17	80.81	65.62	40.04	22.54	12.61	9.17	6.32	4.40	3.70	1.99
10.2V	119.09	76.56	63.19	38.46	21.63	12.44	9.05	6.26	4.36	3.62	1.97
10.5V	115.44	74.13	61.61	37.49	21.08	12.30	8.93	6.17	4.34	3.55	1.93
10.8V	111.80	71.70	60.03	36.52	20.54	12.17	8.81	6.08	4.32	3.47	1.89

Capacity Factors With Different Temperature

Battery Type		−20°C	−10°C	0°C	5°C	10°C	20°C	25°C	30°C	40°C	45°C
Battery	12V	50%	70%	83%	85%	90%	98%	100%	102%	104%	105%

★The above are average and data obtained from the first 3 charge/discharge cycles. These are not minimum values.