Uvoznik: BORIK PLUS d.o.o. BEOGRAD

MHB BATTERY

VRLA Battery

MM65-12 12V 65Ah

MM Series SLA Battery

MHB MM Series—Medium-size Battery

- High performance, completely maintenance-free, low self-discharge
- 100% precise quality testing, stable quality and high reliable performance
- Unique grid alloy formula and updated manufacturing technique
- Floating & standby use:up to 8 years
- Cycle use 1: More than 350 cycles at 100% DOD
- Cycle use 2: More than 1500 cycles at 30% DOD

Application:

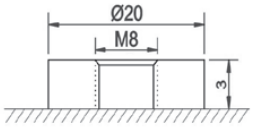
- Green energy and solar systems
- Uninterruptable Power Supply (UPS)
- Electric Power System (EPS)
- Emergency backup power supply
- Alarm and security system
- Communication power supply
- DC power supply
- Auto control system

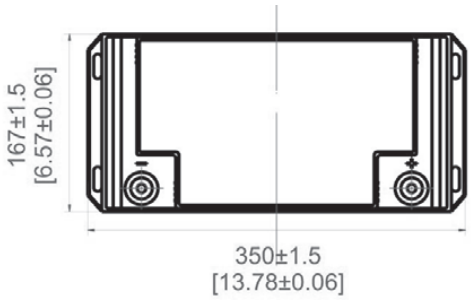
Construction:

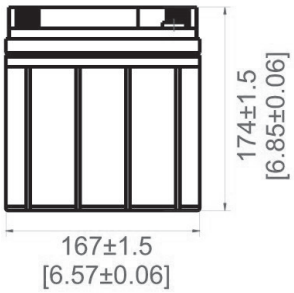
- Component .....Raw material
- Positive .....Lead dioxide
- Negative .....Lead
- Container .....ABS
- Cover .....ABS
- Sealant .....Epoxy
- Safety valve .... Rubber
- Terminal .....Copper
- Separator .....Fiber glass
- Electrolyte ..... Sulfuric acid

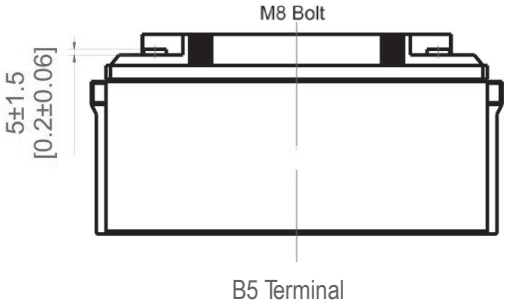
ISO:9001 ISO:14001 TB 09075935 MH 47104

Applicable Standards:
IEC61056-1/2, JIS C8702-2003, GB/T19639.1-2005









Specification:

Battery Model	MM 65 -12 12V 65AH			
Designed Floating Life	Up to 8 Years			
Capacity@(40℃)	20HR(3.48A,10.8V)	10HR(6.74A,10.8V)	5HR(13.49A,10.5V)	1HR(46.08A,10.5V)
	69.60AH	67.40AH	57.45AH	46.08AH
Dimensions	Length	Width	Height	Total Height
	350mm (13.78inch)	167mm (6.57inch)	174mm (6.85inch)	174mm (6.85inch)
Approx. Weight	21.20Kg (46.75 lbs) ±5%			
Internal Resistance	Full charged at 25℃: ≤8.0mΩ			
Self Discharge	2% of capacity declined per month at (25℃)			
Capacity Affected by Temp.(20HR)	40℃	25℃	0℃	-15℃
	102%	100%	85%	65%
Charge Voltage(25℃)	Cycle use		Float use	
	14.40-15.00V(-30mV/℃), max. Current: 21.0A		13.50-13.80V (-20mV/℃)	

FUJIAN MINHUA POWER SOURCE CO., LTD.

www.mhb-battery.com

V-0 2012-2-16

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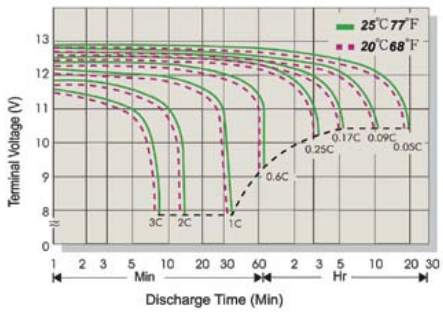
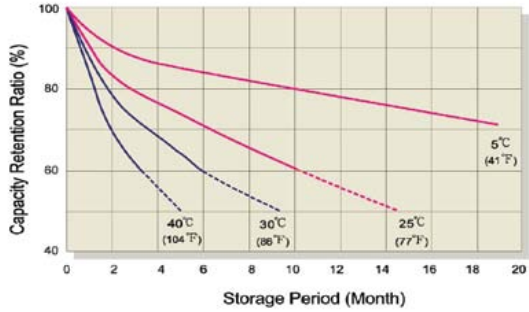
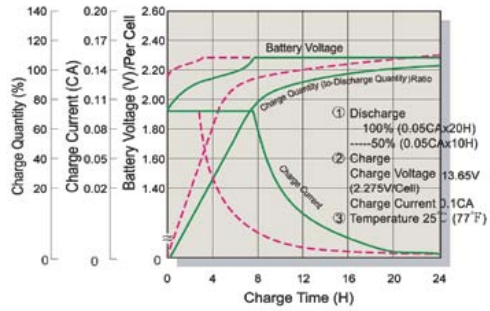
Terminal Voltage (V) and Discharge Time



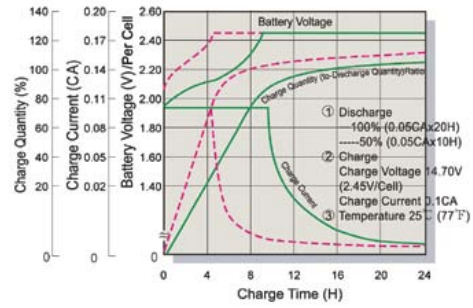
Capacity Retention Characteristic



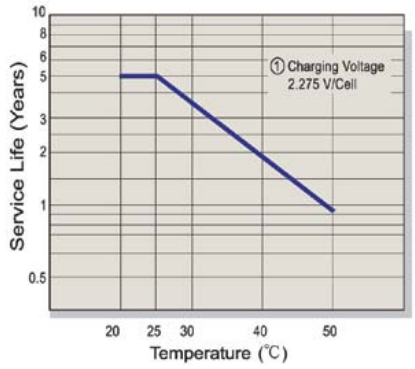
Battery Vlotage and Charge Time for Standby Use



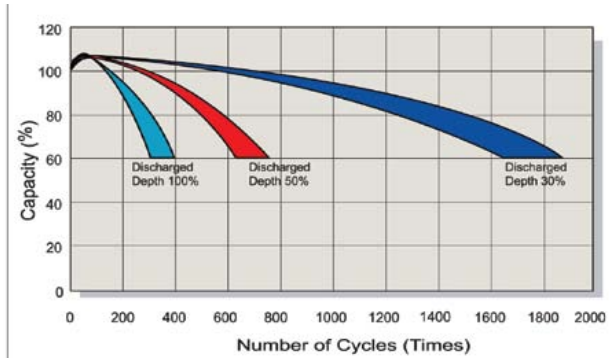
Battery Vlotage and Charge Time for Cycle Use



Tickle(or Float) Service Life



Cycle Service Life



Constant Current Discharge(CC,Unit:A) at 25℃												
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	216.34	148.06	118.56	77.44	44.38	23.82	19.66	15.02	12.99	10.38	6.61	3.42
1.80V/Cell	220.47	150.89	120.83	78.92	45.23	24.27	20.03	15.31	13.24	10.57	6.74	3.48
1.75V/Cell	224.60	153.72	123.09	80.40	46.08	24.73	20.41	15.59	13.49	10.77	6.87	3.55
1.70V/Cell	244.82	162.94	130.48	83.60	46.89	25.16	20.77	15.87	13.73	10.96	6.99	3.61
1.67V/Cell	269.52	176.77	141.56	88.28	47.39	25.43	20.99	16.04	13.87	11.08	7.06	3.65
Constant Power Discharge (CP,Unit:W) at 25℃												
F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.85V/Cell	421.86	288.71	231.20	151.00	86.55	46.45	38.33	29.29	25.33	20.23	12.90	6.67
1.80V/Cell	429.92	294.23	235.61	153.89	88.20	47.33	39.07	29.85	25.82	20.62	13.14	6.80
1.75V/Cell	437.98	299.74	240.03	156.77	89.85	48.22	39.80	30.41	26.30	21.00	13.39	6.92
1.70V/Cell	477.40	317.73	254.43	163.03	91.44	49.07	40.50	30.94	26.76	21.37	13.63	7.04
1.67V/Cell	525.57	344.71	276.04	172.14	92.41	49.59	40.93	31.27	27.05	21.60	13.77	7.12