

- 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: Up to 260 cycles at 100% DOD
- Cycle use 2: Up to 500 cycles at 50% DOD

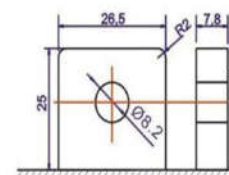
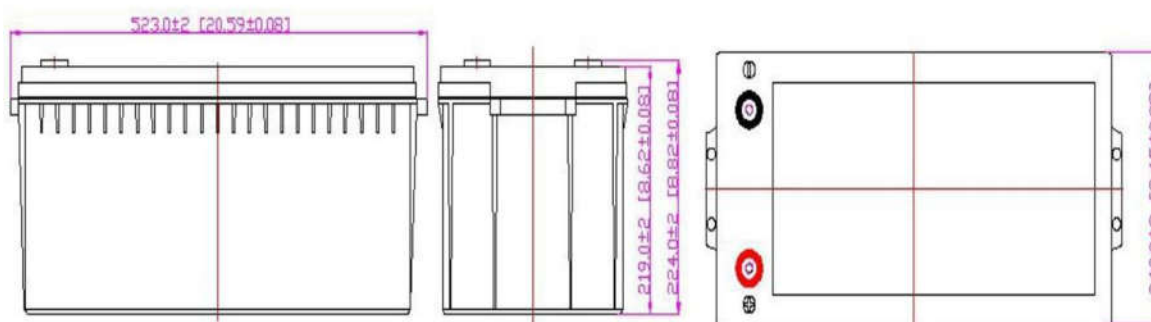
Application:

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



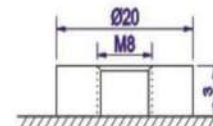
Construction:

- ComponentRaw material
- SealantEpoxy
- Positive Lead dioxide
- Safety valve Rubber
- Negative Lead
- TerminalCopper/Pb
- Container ABS
- SeparatorFiber glass
- Cover ABS
- Electrolyte Sulfuric acid



M8 Bolt & Nut

T16 Terminal



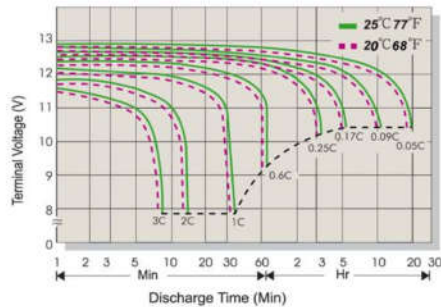
M8 Bolt

B5 Terminal

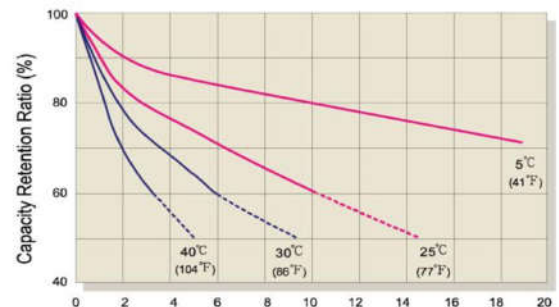
Speification:

Battery Model	MM 200-12 12V200AH			
Designed Floating Life	Up to 8 Years			
Capacity (25°C)	20HR(10.470A,10.8V)	10HR(20.000A,10.8V)	5HR(35.070A,10.5V)	1HR(108.410A,10.5V)
	209.40 AH	200.00 AH	175.35 AH	108.41 AH
Dimensions	Length	Width	Height	Total Height
	523 mm	240 mm	219 mm	223 mm
Approx. Weight	58.00 KG ±3%			
Internal Resistance	Full charged at 25°C: ≤5.00 mΩ			
Self Discharge	2% of capacity declined per month at (25°C)			
Capacity Affected by Temp.(20HR)	40°C	25°C	0°C	-15°C
	102%	100%	85%	65%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-14.6V(-30mV/°C), max. Current:60.00A		13.5-13.8V (-20mV/°C)	

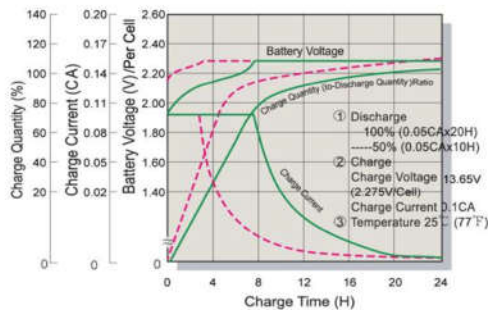
Terminal Voltage (V) and Discharge Time



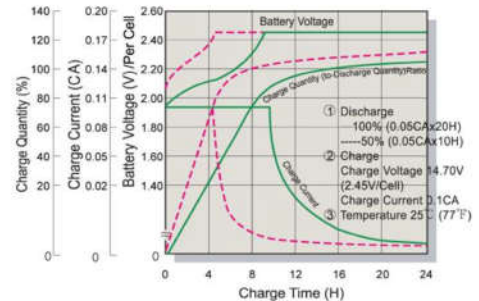
Capacity Retention Characteristic



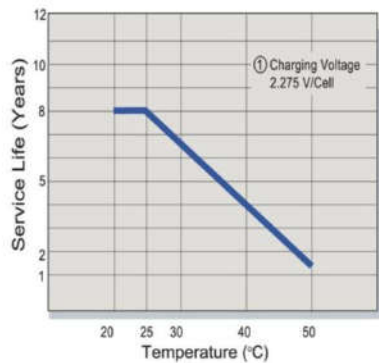
Battery Voltage and Charge Time for Standby Use



Battery Voltage and Charge Time for Cycle Use



Tickle(or Float) Service Life



Constant Current Discharge(CC,Unit:A) at 25°C(77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	619.4	421.3	288.5	175.44	107.50	67.09	52.16	41.02	34.77	23.23	20.00	10.47
1.75V/Cell	624.6	424.9	290.9	176.93	108.41	67.66	52.60	41.37	35.07	23.43	20.30	10.63
1.70V/Cell	640.2	435.5	298.2	181.35	111.12	69.35	53.91	42.40	35.94	24.01	20.60	10.79
1.67V/Cell	655.8	446.2	305.5	185.78	113.83	71.04	55.23	43.44	36.82	24.60	20.90	10.94
1.60V/Cell	685.0	466.0	319.1	194.05	118.90	74.20	57.69	45.37	38.46	25.69	21.20	11.10

Constant Power Discharge (CP,Unit:W) at 25°C(77°F)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	1208	822	563	342.1	209.6	130.82	101.71	79.99	67.80	45.30	39.00	20.42
1.75V/Cell	1218	829	567	345.0	211.4	131.93	102.57	80.67	68.38	45.68	39.59	20.73
1.70V/Cell	1248	849	582	353.6	216.7	135.23	105.13	82.69	70.09	46.83	40.17	21.03
1.67V/Cell	1279	870	596	362.3	222.0	138.53	107.70	84.70	71.80	47.97	40.76	21.34
1.60V/Cell	1336	909	622	378.4	231.8	144.69	112.49	88.48	74.99	50.10	41.34	21.64