MinuteBank VRLA Battery **MS26-12** 12V26AH

MS Series

MS Series SLA Battery

Small-size Battery

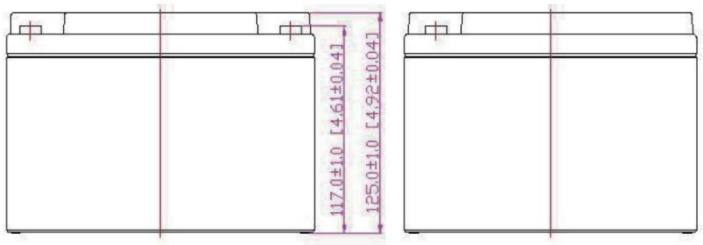
- 100% before shipment testing, stable and reliable long-term quality
- Patented grid alloy formula and updated manufacturing technique
- Completely sealed and maintenance-free, low self-discharge
- Excellent charging and re-charging acceptance
- Cycle use 2: More than 260 cycles at 100% DOD
- Floating & standby use: 3-5 years (Design life is based on ideal conditions; actual battery lifespan may vary with usage, maintenance, and environment.)

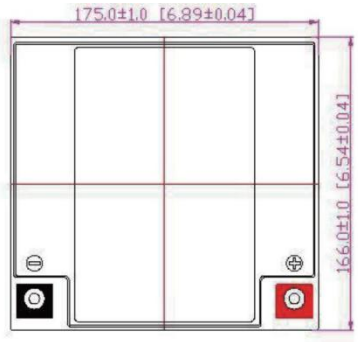
Application:

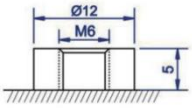
- Alarm System
- Cable Television
- Communication Equipment
- Emergency Power System
- Security System
- Medical Equipment
- UPS
- Power tools
- Control Equipment
- Toys

Construction:

- Component ..... Raw material
- Positive ..... Lead dioxide
- Negative ..... Lead
- Container .... UL94-HB (Optional: UL94-V0)
- Cover .... UL94-HB (Optional: UL94-V0)
- Sealant ..... Epoxy
- Safety valve .... Rubber
- Terminal ..... Copper
- Separator ..... Fiber glass
- Electrolyte .... Sulfuric acid







M6 Bolt

B2 Terminal

Specification:

Battery Model	MS 26-12 12V26AH			
Designed Floating Life	3~5 Year			
Capacity (25℃)	20HR(1.300A,10.5V)	10HR(2.50A,10.5V)	5HR(4.10A,10.5V)	1HR(13.40A,10.5V)
	26.00 AH	25.0AH	20.50AH	13.40AH
Dimensions	Length	Width	Height	Total Height
	166 mm	175 mm	125 mm	125 mm
Approx. Weight	7.60Kg ±3%			
Internal Resistance	Full charged at 25℃ : ≤14.5mΩ			
Self Discharge	2% of capacity declined per month at (25℃)			
max discharge current	110A			
Capacity Affected by Temp.(20HR)	40℃	25℃	0℃	-15℃
	102%	100%	85%	65%
Charge Voltage(25oC)	Cycle use		Float use	
	14.4-15.0V(-30mV/℃), max. Current:7.8A		13.5-13.8V (-20mV/℃)	

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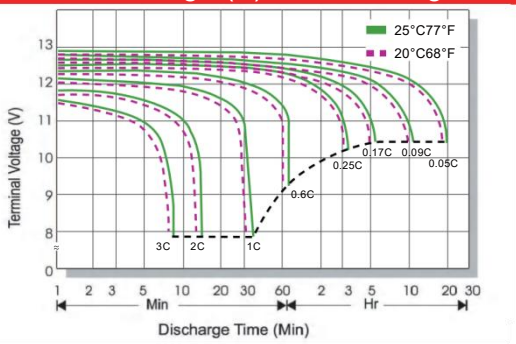
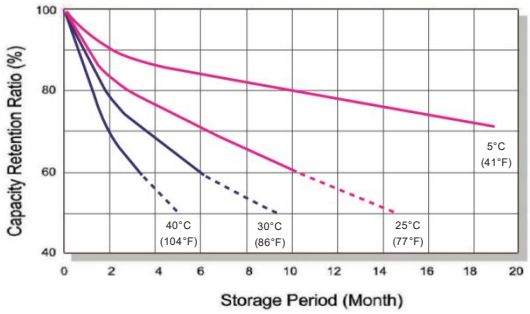
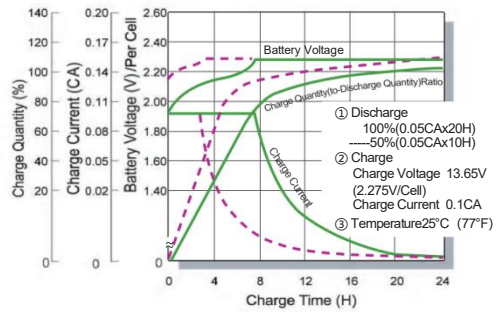
Terminal Voltage (V) and Discharge Time



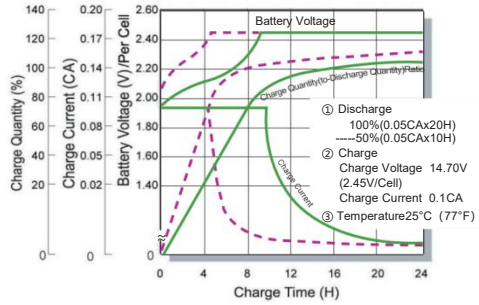
Capacity Retention Characteristic



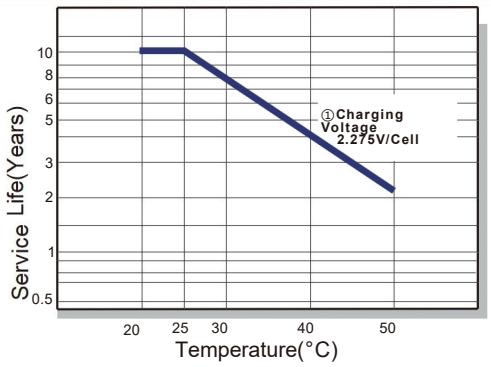
Battery Vlotage and Charge Time for Standby Use



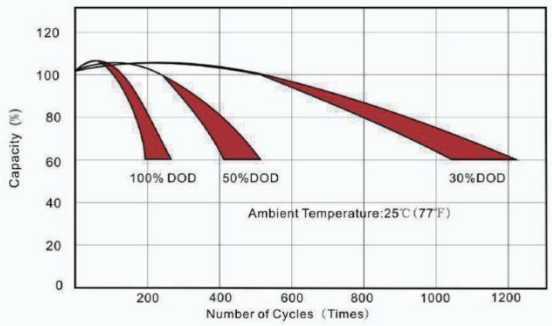
Battery Vlotage and Charge Time for Cycle Use



Tickle(or Float) Service Life



Cycle Service Life



Constant Current Discharge(CC,Unit:A) at 25℃(77℉)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	79.8	54.7	38.3	24.3	13.3	8.3	6.0	4.8	4. 1	3.4	2.5	1.3
1.75V/Cell	80.5	55. 1	38.6	24.5	13.4	8.4	6. 1	4.8	4. 1	3.5	2.5	1.3
1.70V/Cell	82.5	56.5	39.5	25. 1	13.7	8.6	6.2	5.0	4.2	3.6	2.6	1.3
1.67V/Cell	84.5	57.9	40.5	25.7	14. 1	8.8	6.4	5. 1	4.3	3.6	2.6	1.4
1.60V/Cell	88.2	60.5	42.3	26.9	14.7	9.2	6.7	5.3	4.5	3.8	2.8	1.4

Constant Power Discharge (CP,Unit:W) at 25℃(77℉)

F.V/Time	5Min	10Min	15Min	30Min	1Hr	2Hr	3Hr	4Hr	5Hr	6Hr	10Hr	20Hr
1.80V/Cell	146.0	100.0	71. 1	44.4	25.0	15.7	11.5	9.3	7.9	6.7	4.9	2.5
1.75V/Cell	147.2	100.9	71.7	44.8	25.2	15.8	11.6	9.4	8.0	6.7	4.9	2.6
1.70V/Cell	150.9	103.4	73.5	45.9	25.8	16.2	11.9	9.7	8.2	6.9	5. 1	2.6
1.67V/Cell	154.6	105.9	75.3	47.0	26.4	16.6	12.2	9.9	8.4	7. 1	5.2	2.7
1.60V/Cell	161.5	110.6	78.7	49.2	27.6	17.3	12.7	10.3	8.7	7.4	5.4	2.8