

MB 9-12

Rechargeable Valve Regulated lead-Acid Battery 12V/9Ah

RB Reguero
Baterías



■ Features:

- VRLA AGM technology
- Maintenance-free operation
- Designed for standby use



<https://www.reguero baterias.es>

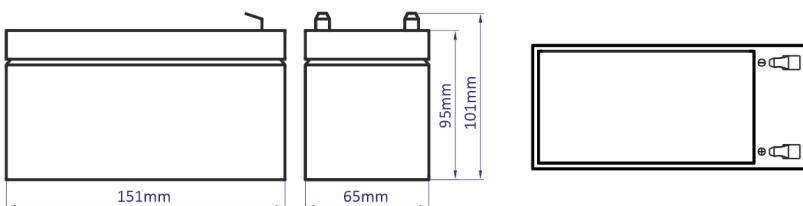
Ⓢ ELECTRICAL SPECIFICATION

Battery model	MB 9-12			
Nominal voltage	12V			
Nominal capacity (25°C, cut-off voltage 10.5V)	30h (C ₃₀)	10h	5h	1h
	[1] 8.5Ah	7.5 Ah	6.12Ah	4.71Ah
Internal resistance (Fully charged, 25°C)	20mΩ			
Capacity affected by temperature	40°C	25°C	0°C	-15°C
	109%	100%	85%	65%
Self discharge	3% of capacity declined per month at (25°C)			
Charging	Cycle use		Standby use	
	14.4 – 14.8V (-30mV/°C)		13.6 – 13.8V (-18mV/°C)	
Charge current (max.)	1.5A			
[*]	1. Tolerance = +5%/-29%			

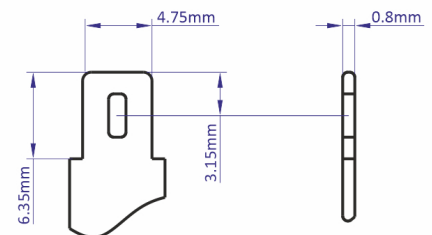
Ⓢ MECHANICAL SPECIFICATION

Dimensions	Length	Width	Height	Total height
	150mm	65mm	95mm	101mm
Weight	[2] 2.05kg			
[*]	2. Tolerance = ±4%			

Battery dimensions



Terminal dimensions

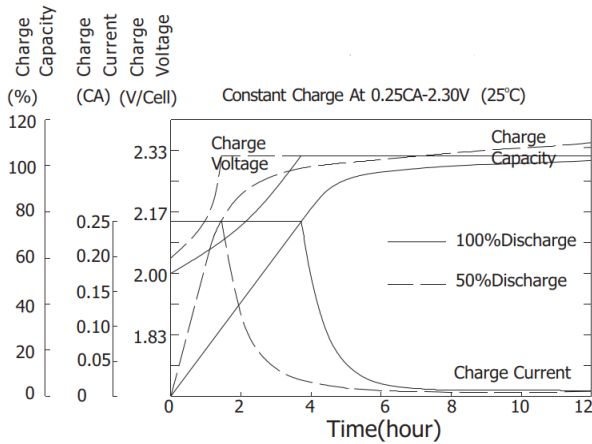


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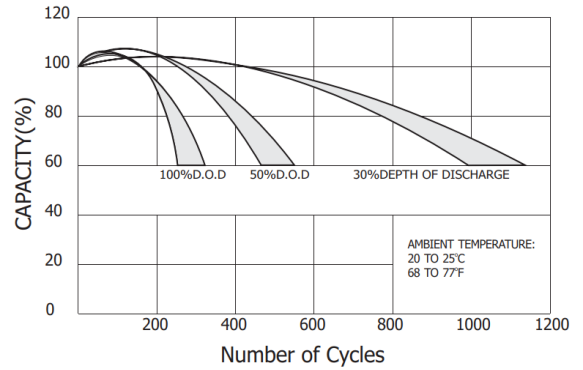
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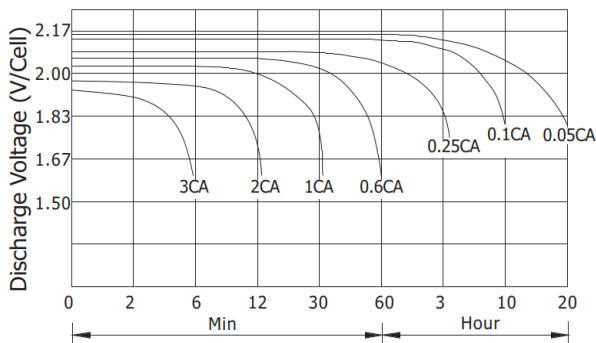
Charge Characteristic



Cycle service life



Discharge Characteristic (25°C)



Constant current discharge ratings-amperes at 25°C									
Time	5 min	10 min	15 min	30 min	1 godz.	3 godz.	5 godz.	10 godz.	20 godz.
Final Voltage									
1.60 V/cell	20.6	14.4	11.4	6.29	3.91	1.82	1.12	0.63	0.35
1.67 V/cell	23.1	15.1	12.5	6.79	4.17	1.89	1.19	0.64	0.36
1.70 V/cell	23.5	15.6	12.9	7.15	4.38	1.96	1.21	0.65	0.37
1.75 V/cell	25.7	16.1	13.2	7.86	4.52	2.10	1.24	0.66	0.38
1.80 V/cell	27.3	17.0	13.8	8.22	4.58	2.18	1.27	0.67	0.39

Constant power discharge ratings-watts at 25°C									
Czas	5 min	10 min	15 min	30 min	1 godz.	3 godz.	5 godz.	10 godz.	20 godz.
Final Voltage									
1.60 V/cell	48.0	30.7	25.3	14.8	8.26	3.87	2.14	1.32	0.78
1.67 V/cell	46.3	29.9	25.0	14.5	8.21	3.75	2.13	1.31	0.76
1.70 V/cell	43.6	29.7	24.6	13.6	8.05	3.58	2.11	1.30	0.75
1.75 V/cell	42.2	29.6	24.4	13.2	7.92	3.50	2.09	1.28	0.78
1.80 V/cell	40.1	29.1	22.6	12.6	7.46	3.40	2.02	1.26	0.71