

7ah (12V) Battery | GMAX-7

GMAX-7 General Series VRLA Battery

The GMAX-7 battery offers 5 years maintenance free design life, with optimum and good reliability, this affordable battery is suited for security and alarm systems, UPS systems, emergency light systems and various small back-up applications.

Maintenance & Cautions

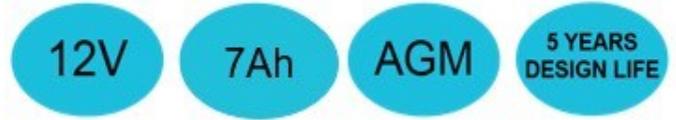
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- Ensure all batteries operating in a series-based connection are not charged excessively.
- Ensure all batteries operating in a series-based connection are not discharged excessively.
- Batteries must be charged with the correct voltage.
- Recharge capacity will be 1.1-1.5 times the discharge capacity.
- Effect of temperature on cycle charge voltage: -5mV/degrees per cell.
- It is imperative to always store the battery in an upright position and never on its side.

Factors Affecting Battery Life

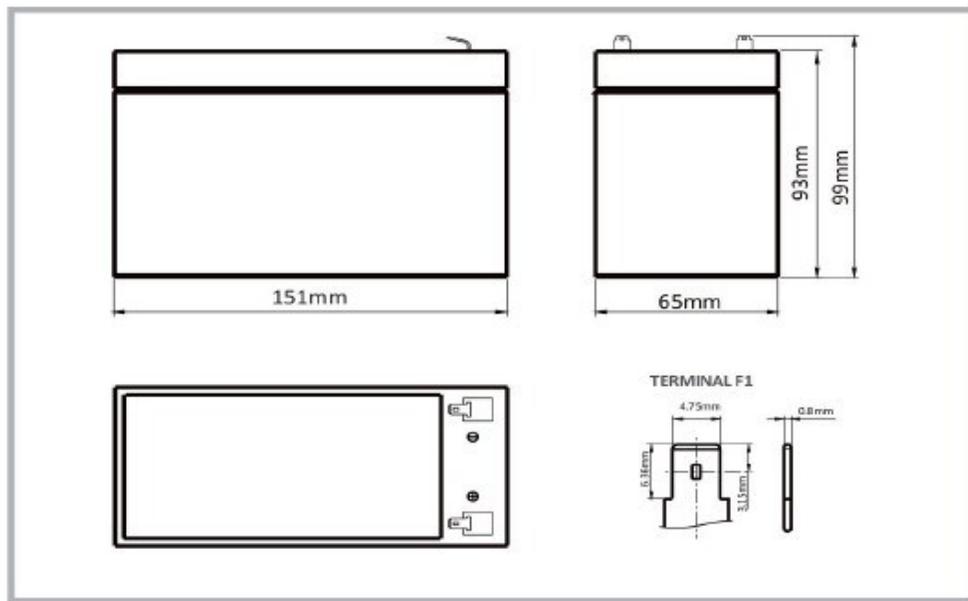
- Depth of discharge
- Temperature
- Recharge rate
- *Refer to Technical Specifications**



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Battery Dimensions



Technical Specifications

Max. Charge Current	2.16A
Max. Discharge Current (5S)	105A
Short Circuit Current	600A



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Physical Attributes	
Dimension (mm)	L151mm x W65mm x H99mm
Approximate Weight	2 kg (4.4 lbs)
Voltage & Designations	
Nominal Voltage (V)	12 (6 Cells per unit)
Designed Floating Life (20°C)	5 Years
Nominal Capacity (20°C)	7 Ah @ 20HR-rate (to 1.75Vpc)
Terminal Type	Fasten Tab F1
Internal Resistance	Approximately 0.02mΩ (fully charged @ 20°C)
Self-Discharge	Approximately 3% per month @ 20°C
Ambient Temperature	Discharge: -15~50°C Charge: -15~40°C Storage: -15~40°C
Float Charge Voltage (20 - 25°C)	13.6-13.8V (-3mV/ cell/ °C)
Equalize and cycle Use Charge Voltage (20 -25°C)	14.4-14.8V (-5mV/ cell/ °C)
Container Material	ABS (UL94-V0 optional)

