Axil 9Ah 12V AGM VRLA HR
High-rate Battery



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This battery is purpose-built for high-rate discharge applications, utilizing heavy-duty grids and specialized AGM separators.

Designed to maintain steady performance under heavy current loads, this battery is optimized for high-capacity UPS / EPS setups and demanding power applications.

Specifications

Nominal Voltage		12V
Rated Capacity 20 hr to 1.75V per cell @ 25°C		9Ah
Dimensions	Length	151 ± 1mm (5.94 inch)
	Width	65 ± 1mm (2.56 inch)
	Height	94 ± 1mm (3.70 inch)
	Total Height	100 ± 1mm (3.94 inch)
Weight Approx.		2.50kg (5.53lbs) ± 2%

Construction

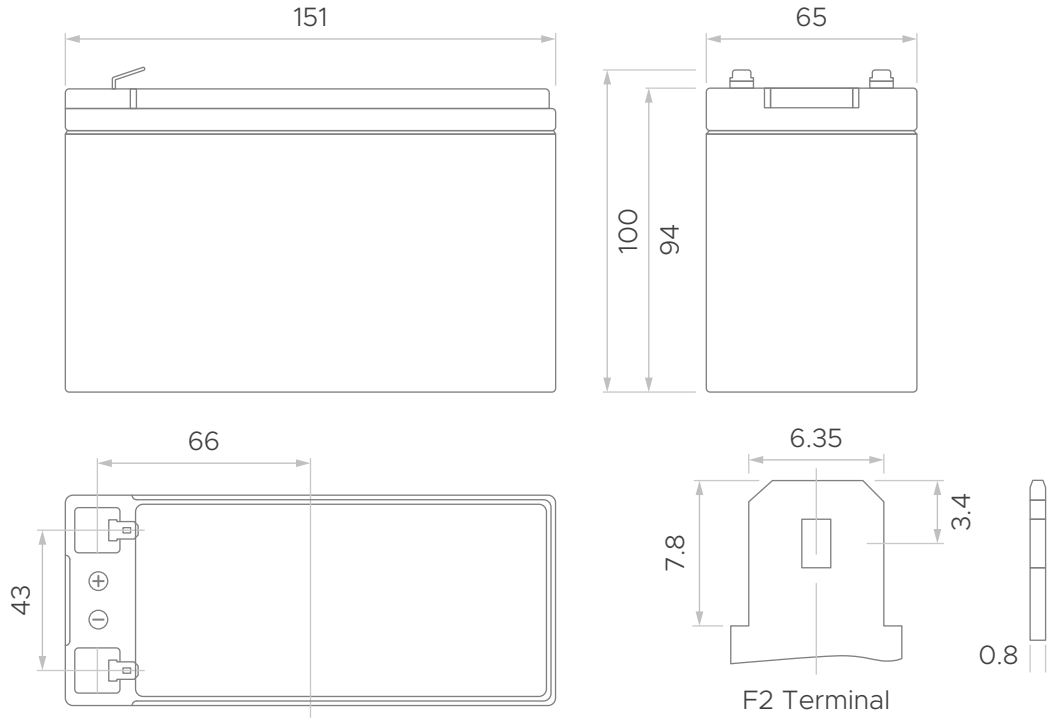
• Positive Plate	Lead dioxide
• Electrolyte	Sulfuric acid
• Separator	AGM
• Negative Plate	Lead
• Safety Valve	Rubber
• Terminal	Copper
• Container & Cover	ABS UL94-HB, UL94-V0
	Optional

Characteristics

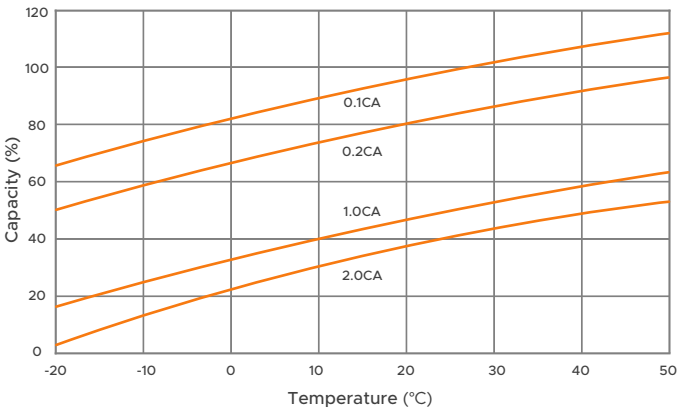
Capacity 25°C	20 Hr (10.5V)	9.00 Ah
	10 Hr (10.5V)	8.41 Ah
	5 Hr (9.6V)	7.85 Ah
Terminal Type		F1 / F2
Inner Resistance (fully charged 25°C)		Approx. 17 mΩ
Capacity affected by temperature	40°C	102%
	25°C	100%
	0°C	85%
	-15°C	65%
Self-discharge (25°C)	3 months	Remaining Capacity: 91%
	6 months	Remaining Capacity: 82%
	12 months	Remaining Capacity: 65%
Nominal Operating Temp.		25°C ± 3°C (77°F ± 5°F)
Operating Temperature Range	Discharge	-15°C ~ 50°C (5°F ~ 122°F)
	Charge	-10°C ~ 50°C (14°F ~ 122°F)
	Storage	-20°C ~ 50°C (-4°F ~ 122°F)
Maximum charge current		2.7A
Maximum discharge current		90A (5 sec.)
Designed Life		3 ~ 5 years

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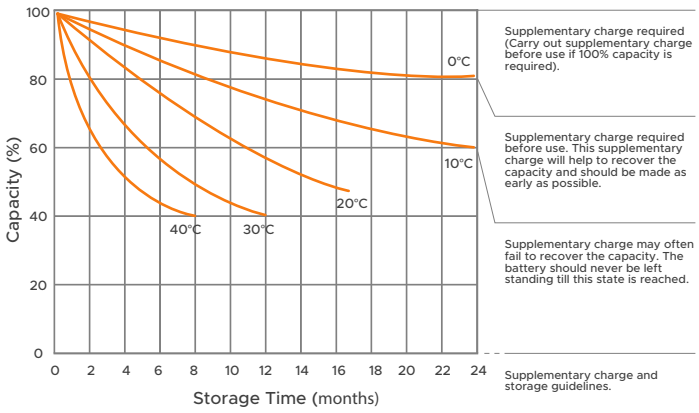
Technical Specification



Temperature Effects On Capacity



Storage Characteristics



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