

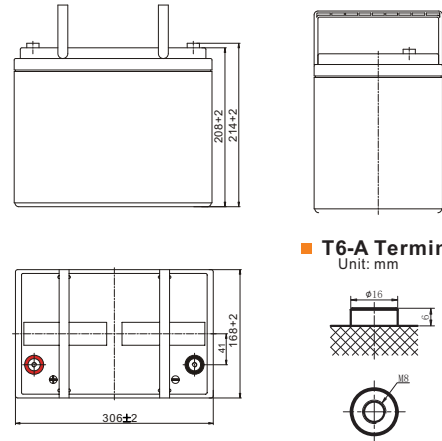
ES121000 Product Data Sheet

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Issued By: R & J Batteries PTY LTD

Predator

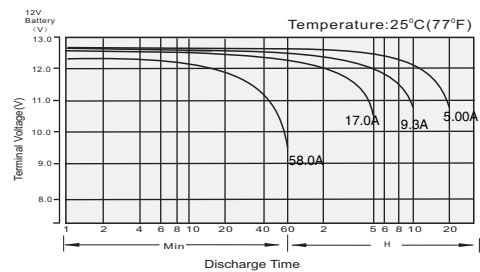
AGM BATTERIES



Specifications:

Model: ES121000	
Nominal Voltage	12V
Rated Capacity	
20 Hour Rate (5.00A to 10.8V)	100 Ah
Hourly rate conversion capacity	
10 Hour Rate (9.30A to 10.8V)	93.0Ah
5 Hour Rate (17.0A to 10.5V)	85.0Ah
1 Hour Rate (58.0A to 9.6V)	58.0Ah
Dimension and Weight	
Length	306±2mm
Width	168±2mm
Height	208±2mm
Total Height	211±2mm
Weight	28.3Kg
Casing Material	ABS
Self discharge Rate (25°C)	≥91% /3 month
Internal Resistance	Fully charged Battery ≤ 5.0mΩ
Operating Temperature Range	
Discharge	-15°C (5°F) - 50°C (122°F)
Charge	0°C (32°F) - 40°C (104°F)
Storage	-15°C (5°F) - 40°C (104°F)
Charging Methods	
Float Use	13.5V - 13.8V (25°C), Compensation co-efficient-3mv/cell/°C
Cycle Use	14.7V - 14.9V (25°C), Compensation co-efficient-5mv/cell/°C
Max Charge Current	25A (0.25C)
Applications:	Solar power, Wind power, Telecom systems, UPS

Discharge Characteristics



Cycle Life in Relation to Depth of Discharge

