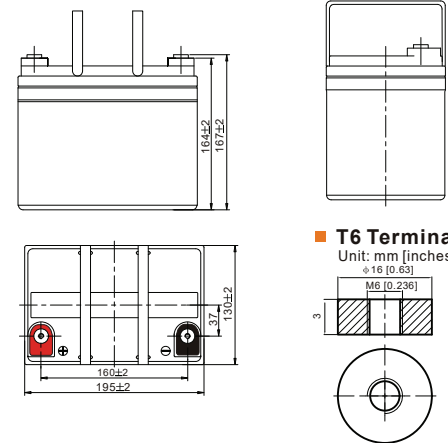


ES12350

Product Data Sheet

Issue Date: 08/11/2018

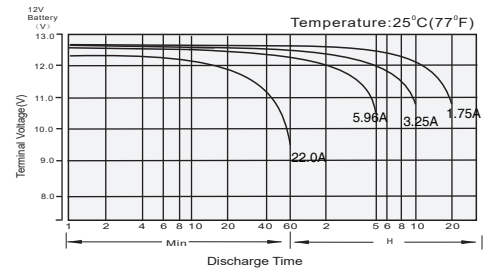
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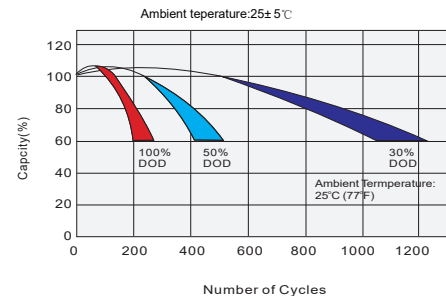
Specifications:

Model: ES12350	
Nominal Voltage	12V
Rated Capacity	
20 Hour Rate (1.75A to 10.8V)	35.0 Ah
Hourly rate conversion capacity	
10 Hour Rate (3.25A to 10.8V)	32.5 Ah
5 Hour Rate (5.96A to 10.5V)	29.8Ah
1 Hour Rate (22.0A to 9.6V)	22.0Ah
Dimension and Weight	
Length	195±2mm
Width	130±2mm
Height	164±2mm
Total Height	167±2mm
Weight	11.2Kg
Casing Material	ABS
Self discharge Rate (25°C)	≥91% /3 month
Internal Resistance	Fully charged Battery ≤ 11 mΩ
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	0.25C(A)
Applications:	Solar power, Wind power, Telecom systems, UPS

Discharge Characteristics



Cycle Life in Relation to Depth of Discharge



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