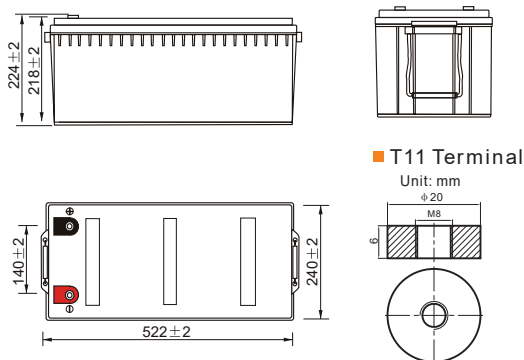


ES122200 Product Data Sheet

Issue Date: 08/11/2018

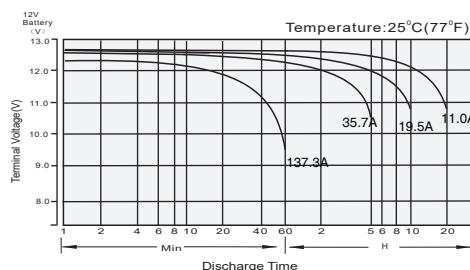
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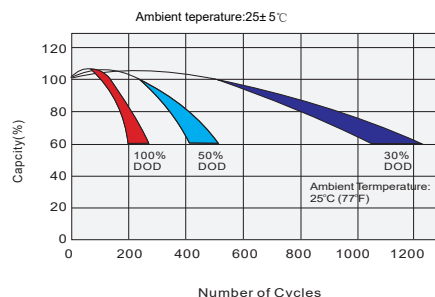
Specifications:

Model: ES122200	
Nominal Voltage	12V
Rated Capacity	
20 Hour Rate (11.0A to 10.8V)	220 Ah
Hourly rate conversion capacity	
10 Hour Rate (19.5A to 10.8V)	195 Ah
5 Hour Rate (35.7 A to 10.5V)	178.5 Ah
1 Hour Rate (137.3 A to 9.6V)	137.3Ah
Dimension and Weight	
Length	522±2mm
Width	240±2mm
Height	218±2mm
Total Height	224±2mm
Weight	63.5Kg
Casing Material	ABS
Self discharge Rate (25°C)	≥91% /3 month
Internal Resistance	Fully charged Battery ≤ 2.6 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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