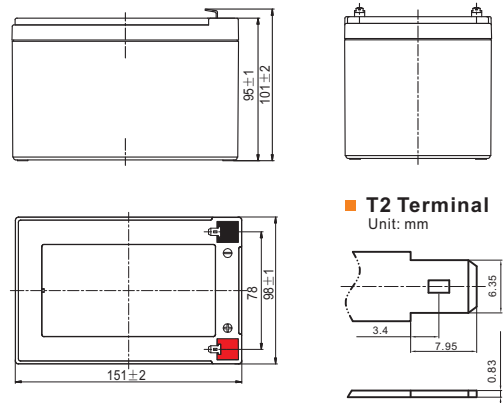


ED12100

Product Data Sheet

Issue Date: 08/11/2018

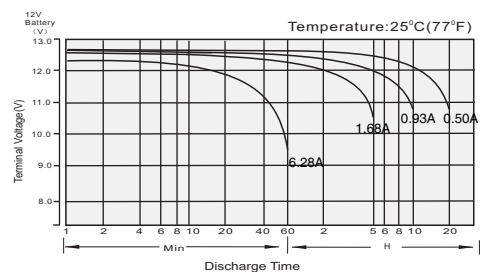
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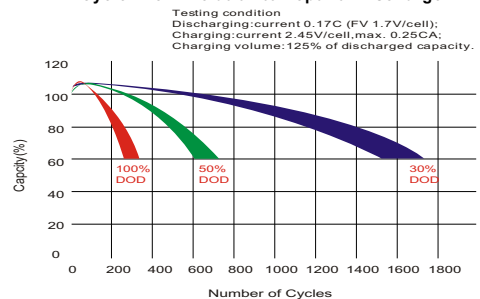
Specifications:

Model: ED12100	
Nominal Voltage	12V
Rated Capacity	
20 Hour Rate (0.50A to 10.8V)	10.0Ah
Hourly rate conversion capacity	
10 Hour Rate (0.93A to 10.8V)	9.30Ah
5 Hour Rate (1.68A to 10.5V)	8.40Ah
1 Hour Rate (6.28A to 9.6V)	6.28Ah
Dimension and Weight	
Length	151 ± 2mm
Width	98 ± 1mm
Height	95 ± 1mm
Total Height	101 ± 2mm
Weight	3.25Kg
Casing Material	ABS
Self discharge Rate (25°C)	≥ 91% / 3 month
Internal Resistance	Fully charged Battery ≤ 16 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:	Electric vehicle, solar power, wind power, telecom systems, UPS, Medical, Toys

Discharge Characteristics



Cycle Life in Relation to Depth of Discharge



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