

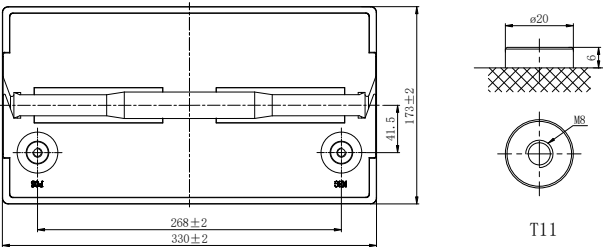
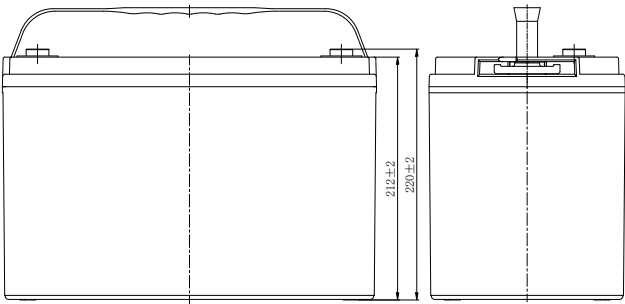
USC SERIES-CYCLE APPLICATION

USC12-100 (12V100Ah)



CHARACTERISTICS

Item	Specifications	
Voltage	12V	
Dimension	Length	330mm (13.0inches)
	Width	173mm (6.81inches)
	Container Height	212mm (8.35inches)
	Total Height	220mm (8.66inches)
Approx Weight	30.6kg (67.5lbs)	
Terminal	T11(M8)	
Container Material	ABS	
Short-circuit current	2000A	
Internal Resistance (25°C)	≤ 4.9 mΩ	
Self Discharge	≤3% per month at 25°C (77°F)	
Capacity	20HR	105Ah
	10HR	100Ah
	5HR	91Ah
Operating Temp. Range	Discharge	-20~55°C (-4~131°F)
	Charge	0~40°C (32~104°F)
	Storage	-20~50°C (-4~122°F)



APPLICATIONS

- Golf trolley
- Medical facility
- Mobility scooter
- Electric wheelchair
- Other mobility device

STANDARDS

- ACC. to BCI standards

USC SERIES-CYCLE APPLICATION

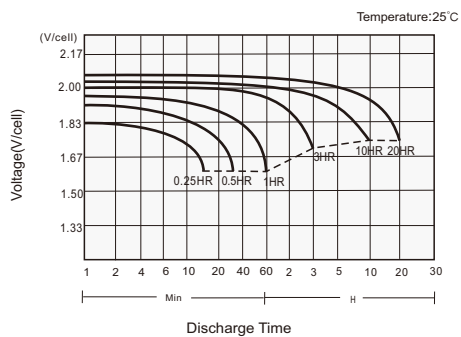
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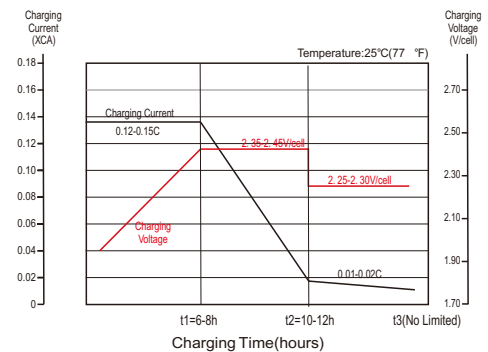
GENERAL FEATURES

- Good cyclic property: Enhanced overcharge endurance and overdischarge recovery property
- Using oxygen recombination technology: maintenance-free
- Lower acid density, excess of electrolyte and larger distance between plates to keep battery at low temperature and slow down plate grid corrosion speed
- Unique plate group configuration, high quality AGM separator and battery management system ensure battery with a longer service life

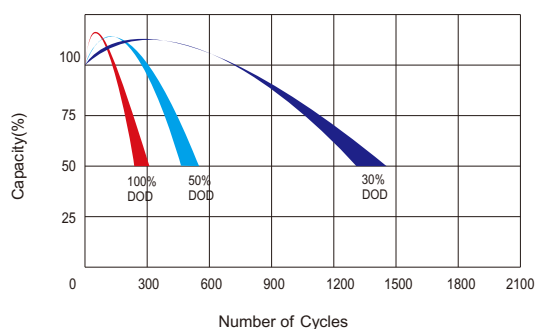
Discharge Characteristics



Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics

