

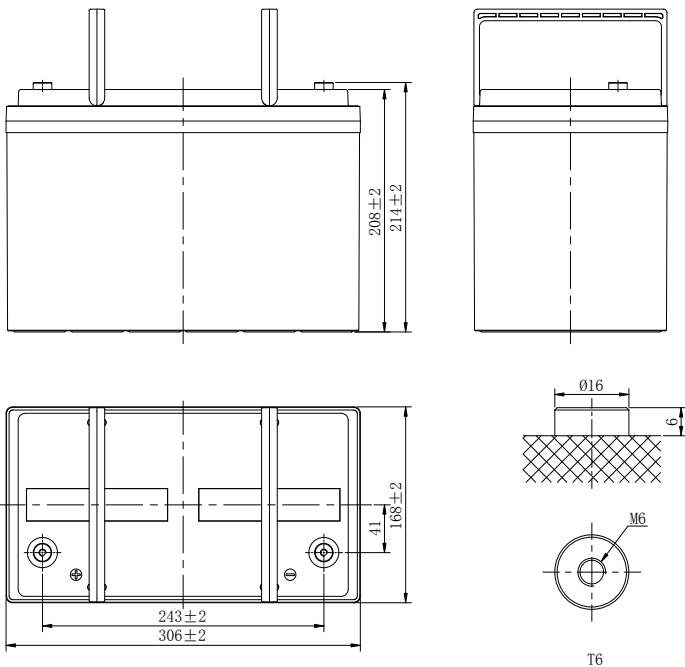
LPC SERIES-CYCLE APPLICATION

LPC12-90 (12V90Ah)



CHARACTERISTICS

Item	Specifications	
Voltage	12V	
Dimension	Length	306mm (12.0inches)
	Width	168mm (6.61inches)
	Container Height	208mm (8.19inches)
	Total Height	214mm (8.43inches)
Approx Weight	26.8kg (59.1lbs)	
Terminal	T6(M6)	
Container Material	ABS	
Short-circuit current	2070A	
Internal Resistance (25°C)	≤ 5.5 mΩ	
Self Discharge	≤3% per month at 25°C (77°F)	
Capacity	20HR	94.6Ah
	10HR	90Ah
	5HR	82Ah
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
- Manufactured in Leoch® IATF16949, ISO 9001, ISO 14001 and ISO 45001 certified production facilities

LPC SERIES-CYCLE APPLICATION

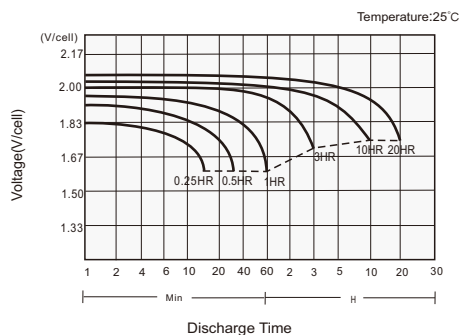
LPC12-90 (12V90Ah)



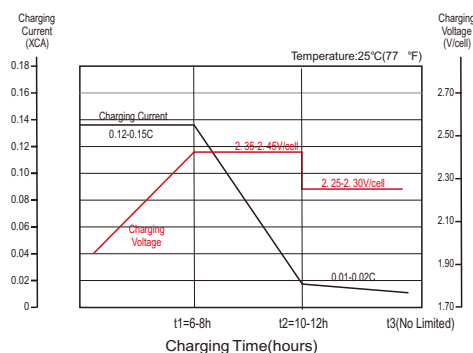
GENERAL FEATURES

- 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

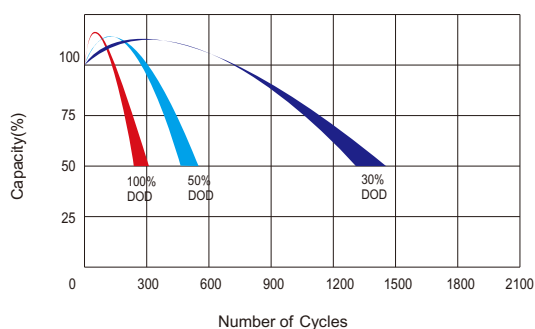
Discharge Characteristics



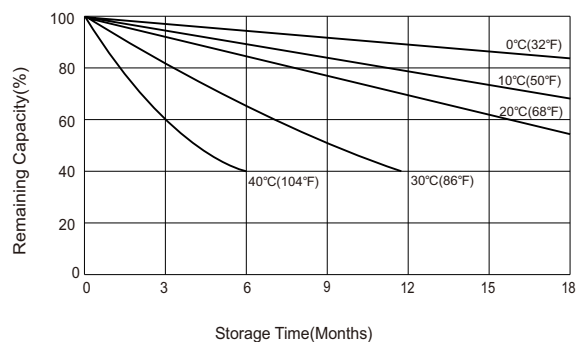
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



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