

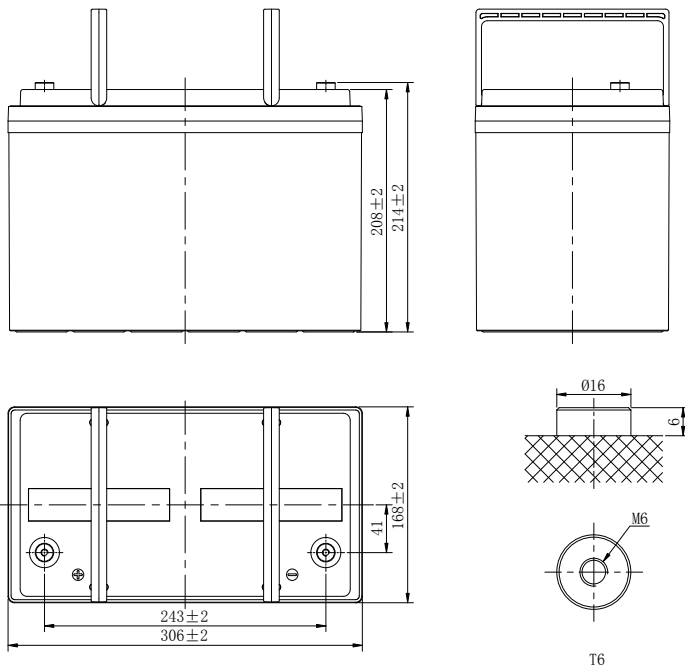
# LPC SERIES-CYCLE APPLICATION

## 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

- Electric tool
- Mobility Scooter
- Golf trolley
- Portable lights and instrument
- Electric toy
- Portable power
- Electric wheelchair

### STANDARDS

- ACC. to BCI standards
- Manufactured in Leoch® IATF16949, ISO 9001, ISO 14001 and ISO 45001 certified production facilities

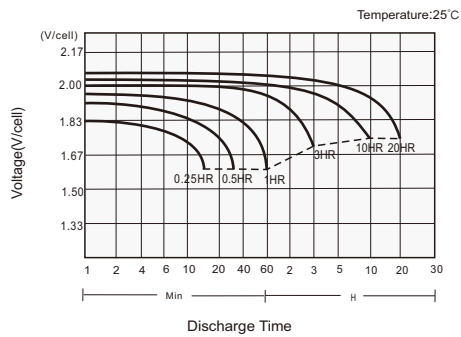
# LPC SERIES-CYCLE APPLICATION

## LPC12-90 (12V90Ah)

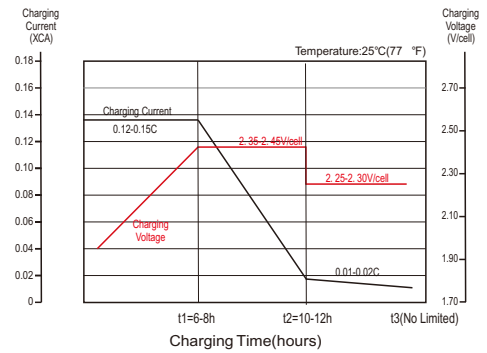
### GENERAL FEATURES

- 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

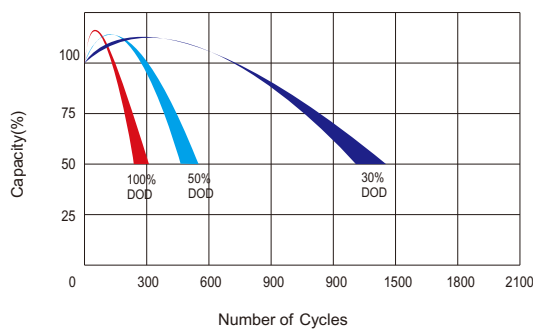
#### Discharge Characteristics



#### Charging Characteristics



#### Cycle Life in Relation to Depth of Discharge



#### Self Discharge Characteristics

