

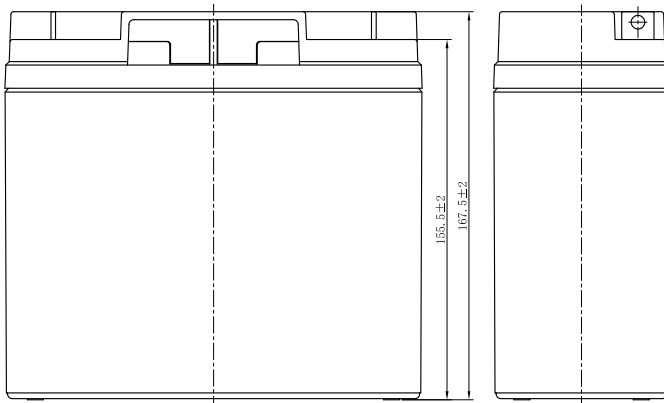
# LPC SERIES-CYCLE APPLICATION

## LPC12-18 (12V20Ah)



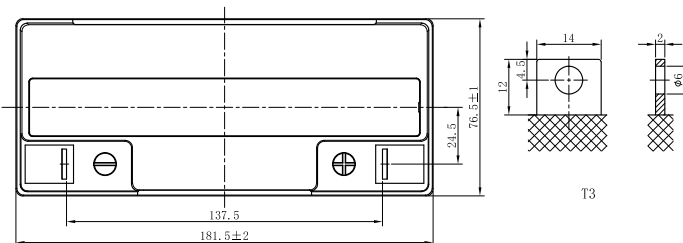
### CHARACTERISTICS

Item	Specifications
Voltage	12V
Dimension	Length 181.5mm (7.15inches)
	Width 76.5mm (3.01inches)
	Container Height 167.5mm (6.59inches)
	Total Height 167.5mm (6.59inches)
Approx Weight	5.65kg (12.5lbs)
Terminal	T3
Container Material	ABS
Short-circuit current	560A
Internal Resistance (25°C)	≤ 16 mΩ
Self Discharge	≤3% per month at 25°C (77°F)
Capacity	20HR 20Ah
	10HR 18.9Ah
	5HR 17.2Ah
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

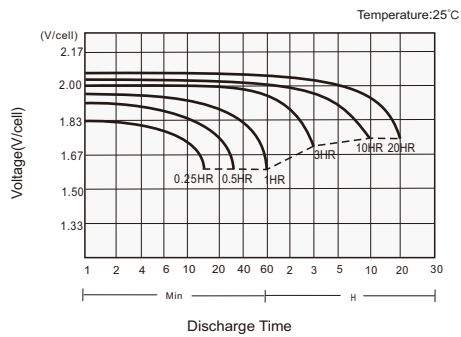
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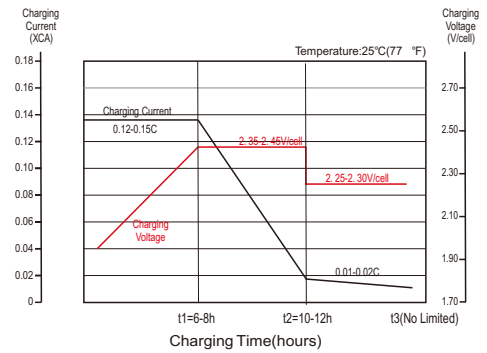
### GENERAL FEATURES

- 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

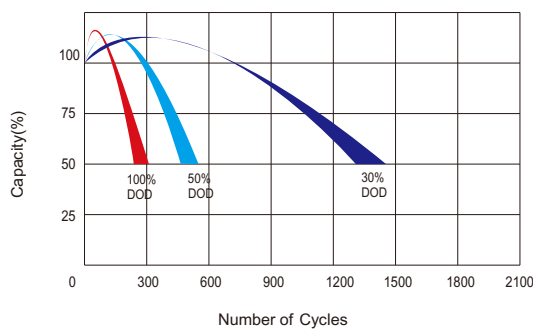
#### Discharge Characteristics



#### Charging Characteristics



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



#### Self Discharge Characteristics

