

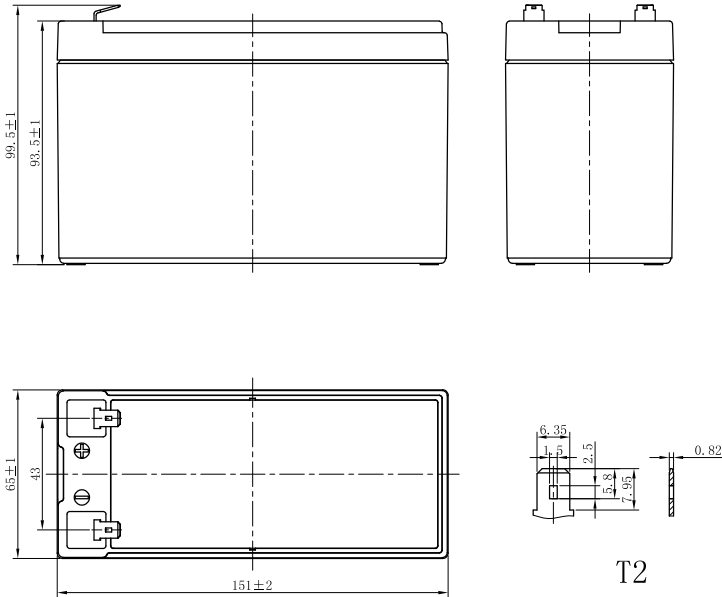
# LPC SERIES-CYCLE APPLICATION

## LPC12-8.0 (12V8Ah)



### CHARACTERISTICS

Item	Specifications
Voltage	12V
Dimension	Length 151mm (5.94inches)
	Width 65mm (2.56inches)
	Container Height 93.5mm (3.68inches)
	Total Height 99.5mm (3.92inches)
Approx Weight	2.5kg (5.51lbs)
Terminal	T2
Container Material	ABS
Short-circuit current	224A
Internal Resistance (25°C)	≤ 20 mΩ
Self Discharge	≤3% per month at 25°C (77°F)
Capacity	20HR 8Ah
	10HR 7.57Ah
	5HR 7Ah
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

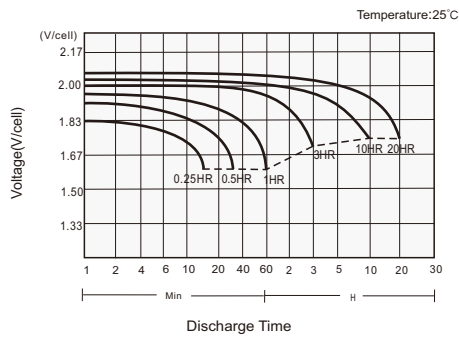
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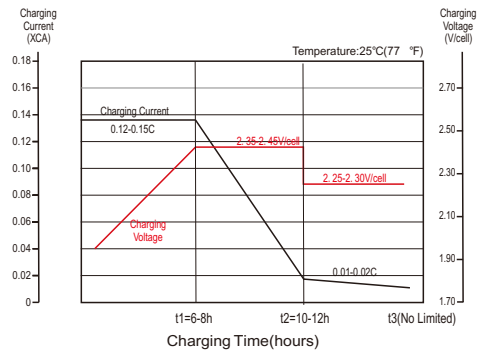
### GENERAL FEATURES

- 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

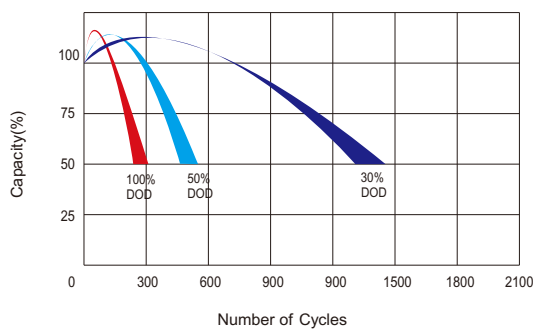
#### Discharge Characteristics



#### Charging Characteristics



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



#### Self Discharge Characteristics

