

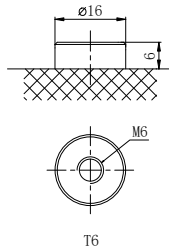
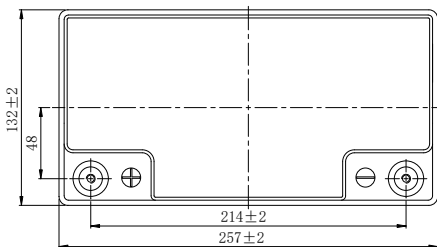
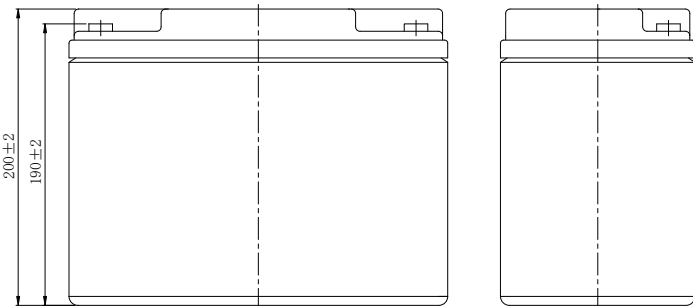
# LPC SERIES-CYCLE APPLICATION

## LPC12-50 (12V50Ah)



### CHARACTERISTICS

Item	Specifications	
Voltage	12V	
Dimension	Length	257mm (10.1inches)
	Width	132mm (5.20inches)
	Container Height	200mm (7.87inches)
	Total Height	200mm (7.87inches)
Approx Weight	17.6kg (38.8lbs)	
Terminal	T6(M6)	
Container Material	ABS	
Short-circuit current	1250A	
Internal Resistance (25°C)	≤ 9 mΩ	
Self Discharge	≤3% per month at 25°C (77°F)	
Capacity	20HR	52Ah
	10HR	50Ah
	5HR	39Ah
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

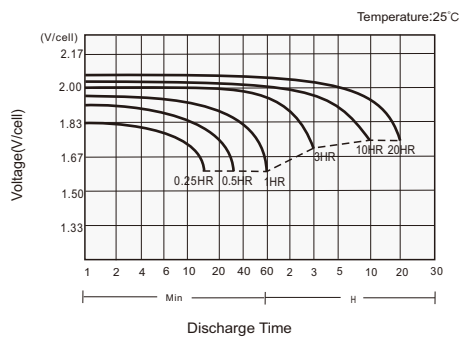
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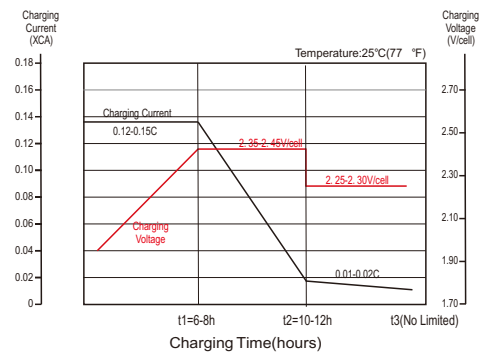
### GENERAL FEATURES

- 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

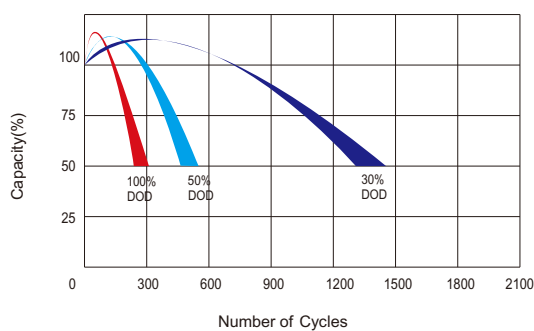
#### Discharge Characteristics



#### Charging Characteristics



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



#### Self Discharge Characteristics

