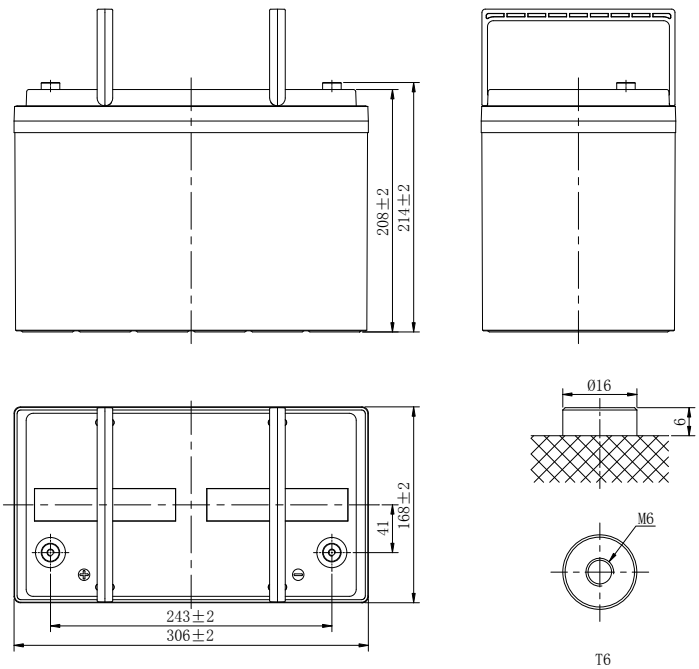
LPC SERIES-CYCLE APPLICATION

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℃)		≤ 5.5 mΩ
Self Discharge		≤3% per month at 25℃ (77℉)
Capacity	20HR	94.6Ah
	10HR	90Ah
	5HR	82Ah
Operating Temp.Range	Discharge	-20~55°C (-4~131℉)
	Charge	0~40°C (32~104℉)
	Storage	-20~50°C (-4~122℉)



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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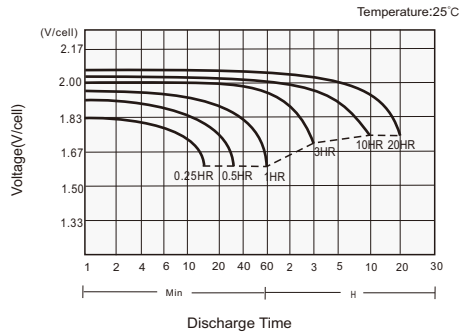
LEOCH BATTERY

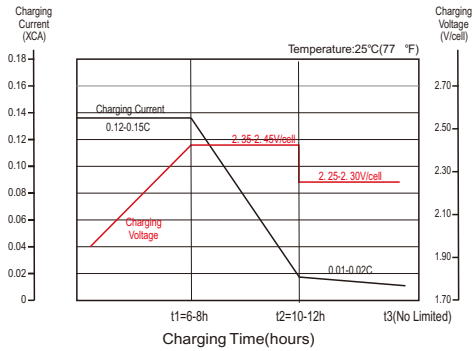
GENERAL FEATURES

- 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

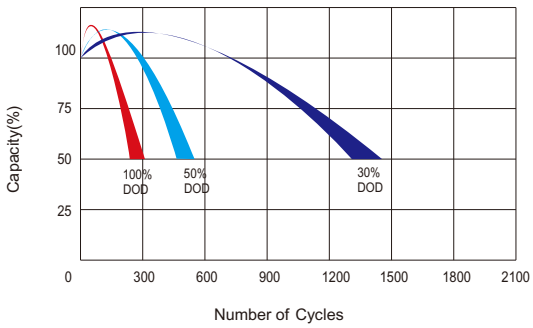
Discharge Characteristics



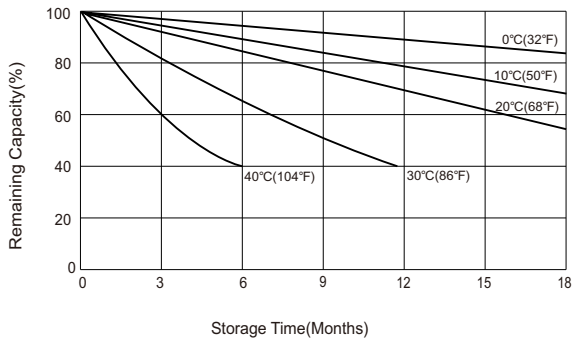
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Self Discharge Characteristics



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Publication No.:LB-LPC12-90-PD-EN-V2.2-20240628