

LPCG SERIES-CYCLE APPLICATION

LPCG12-60 (12V60Ah)



CHARACTERISTICS

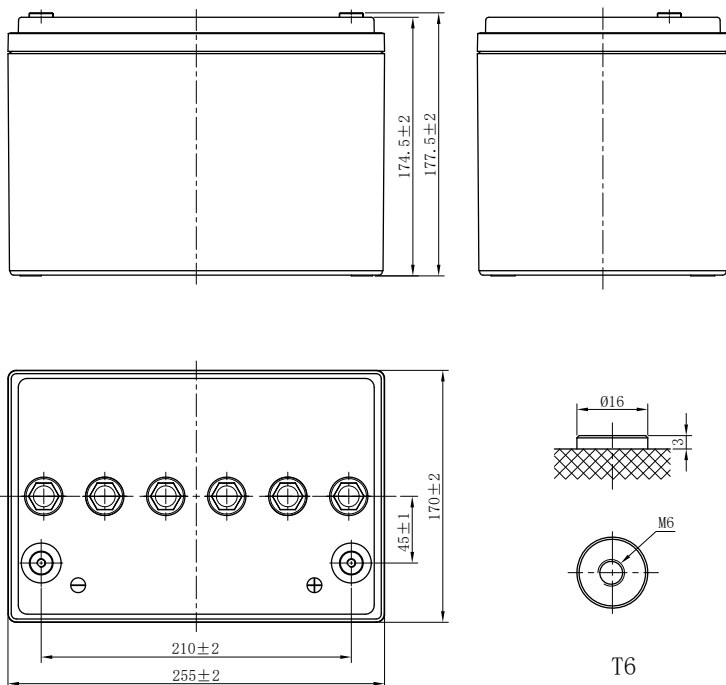
Item	Specifications
Voltage	12V
Dimension	Length 255mm (10.0inches)
	Width 170mm (6.69inches)
	Container Height 174.5mm (6.87inches)
	Total Height 177.5mm (6.99inches)
Approx Weight	18.5kg (40.8lbs)
Terminal	T6(M6)
Container Material	ABS
Short-circuit current	1265A
Internal Resistance (25°C)	≤ 9.8 mΩ
Self Discharge	≤3% per month at 25°C (77°F)
Capacity	20HR 60Ah
	10HR 55Ah
	5HR 47.5Ah
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

- Electrically powered wheelchair
- Vehicle in place of walking
- Lawn-mower
- Golf trolleys and golf cart
- Railway and marine systems

STANDARDS

- IEC 60896 Certified
- Classified as "Long Life" according to Eurobat
- UL Certified
- Manufactured in Leoch® IATF16949, ISO 9001, ISO 14001 and ISO 45001 certified production facilities



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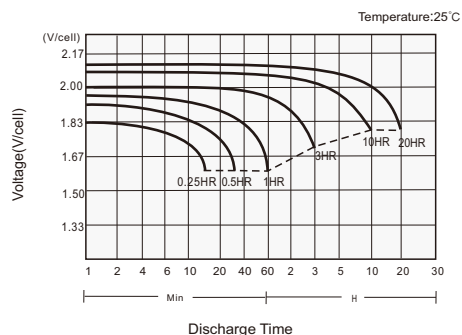
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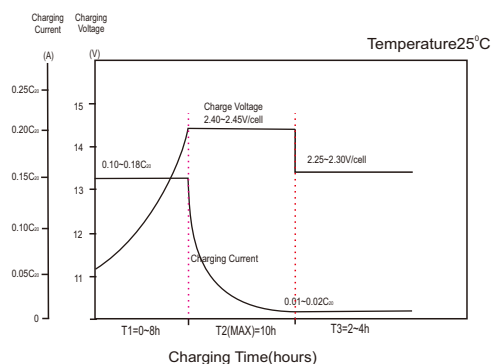
GENERAL FEATURES

- Special plate design, long cycle life
- ≥ 600 Cycles @ 80%DOD
- Operation temperature $-20 \sim 55^{\circ}\text{C}$
- Gelled electrolyte for superior thermal management
- Good deep discharge resilience performance

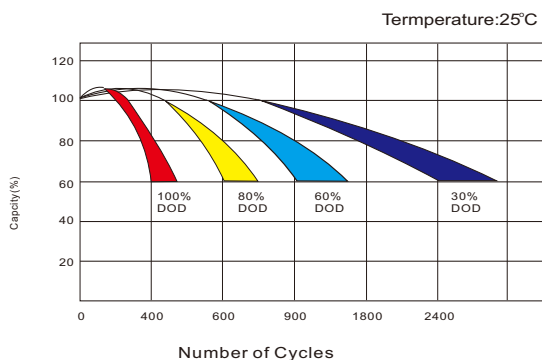
Discharge Characteristics



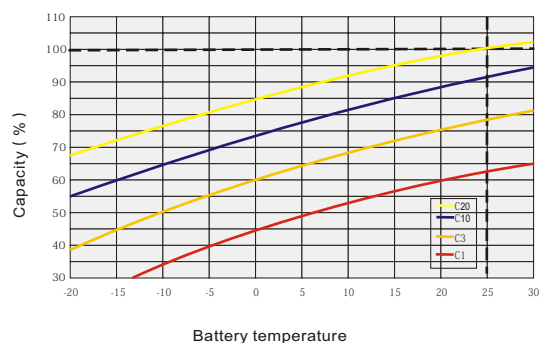
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Capacity



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Leoch Battery Corporation
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 www.leoch.eu