LPCG SERIES-CYCLE APPLICATION

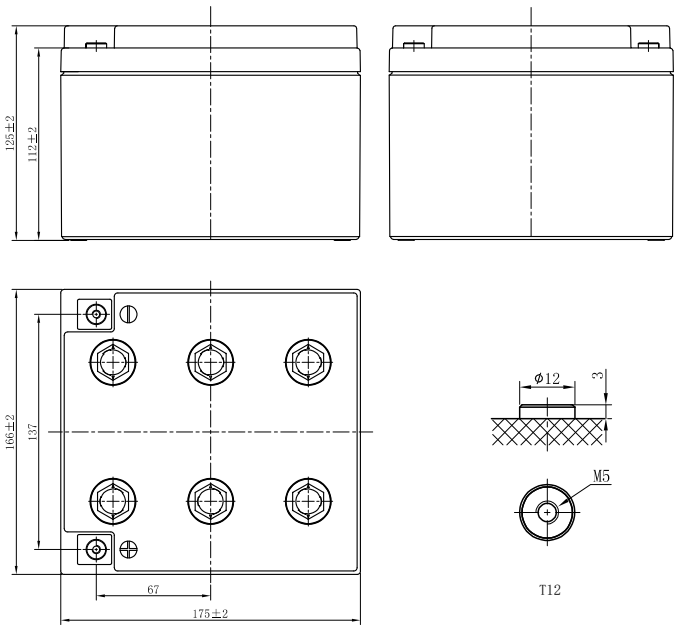
LPCG12-24 (12V24Ah)

LEOCH BATTERY



CHARACTERISTICS

Item		Specifications
Voltage		12V
Dimension	Length	166mm (6.54inches)
	Width	175mm (6.89inches)
	Container Height	125mm (4.92inches)
	Total Height	125mm (4.92inches)
Approx Weight		8.5kg (18.7lbs)
Terminal		T12/T12-I(M5)
Container Material		ABS
Short-circuit current		565A
Internal Resistance (25℃)		≤ 20 mΩ
Self Discharge		≤3% per month at 25℃ (77℉)
Capacity	20HR	24Ah
	10HR	22.6Ah
	5HR	19.8Ah
Operating Temp.Range	Discharge	-20~55°C (-4~131℉)
	Charge	0~40°C (32~104℉)
	Storage	-20~50°C (-4~122℉)



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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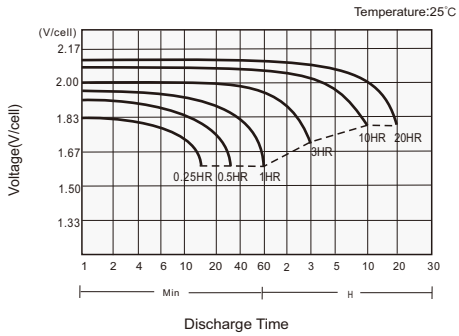
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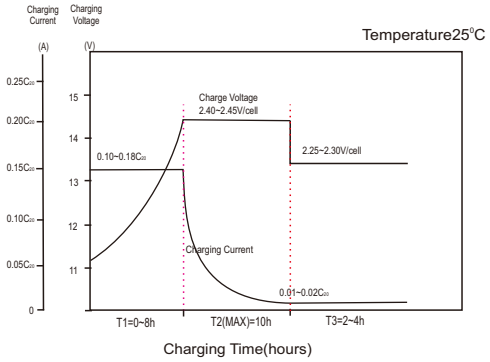
GENERAL FEATURES

- Special plate design,long cycle life
- ⩾600 Cycles @ 80%DOD
- Operation temperature -20~55℃
- Gelled electrolyte for superior thermal management
- Good deep discharge resilience performance

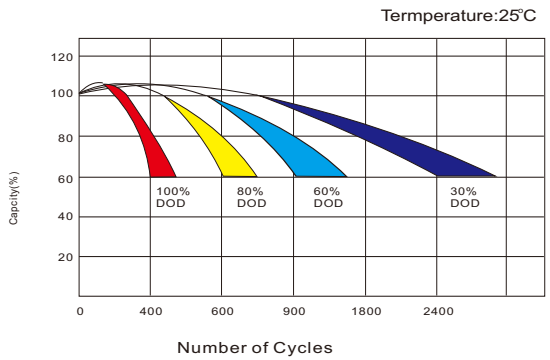
Discharge Characteristics



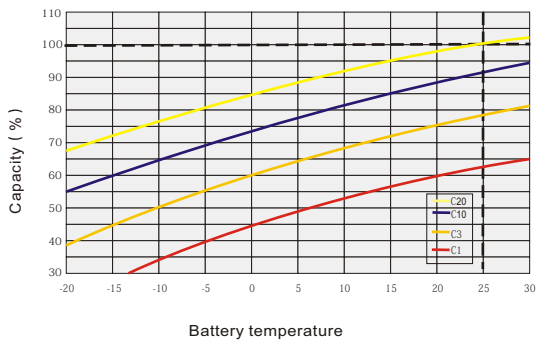
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Capacity



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