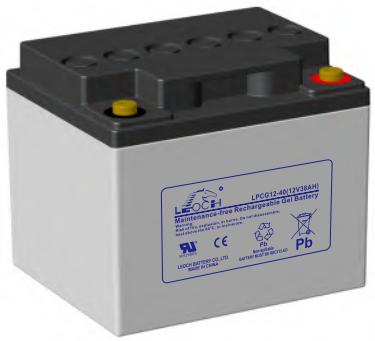
LPCG SERIES-CYCLE APPLICATION

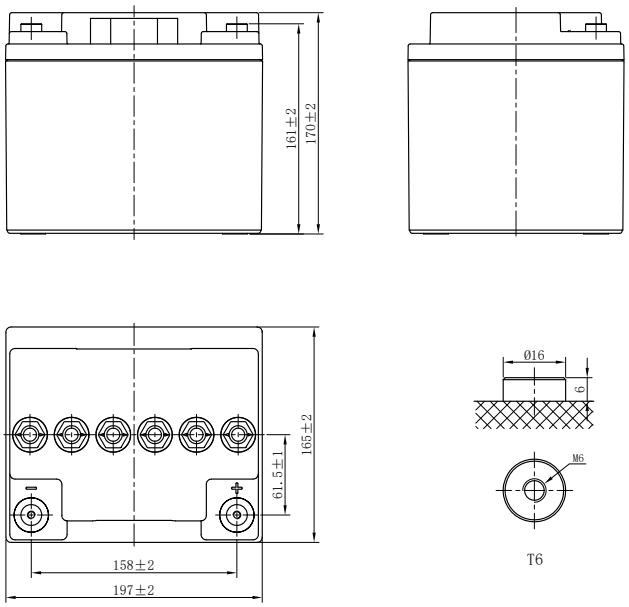
LPCG12-40 (12V38Ah)

LEOCH BATTERY



CHARACTERISTICS

Item		Specifications
Voltage		12V
Dimension	Length	197mm (7.76inches)
	Width	165mm (6.50inches)
	Container Height	170mm (6.69inches)
	Total Height	170mm (6.69inches)
Approx Weight		12.8kg (28.2lbs)
Terminal		T6(M6)
Container Material		ABS
Short-circuit current		875A
Internal Resistance (25℃)		≤ 13.3 mΩ
Self Discharge		≤3% per month at 25℃ (77℉)
Capacity	20HR	38Ah
	10HR	35Ah
	5HR	31Ah
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

LPCG SERIES-CYCLE APPLICATION

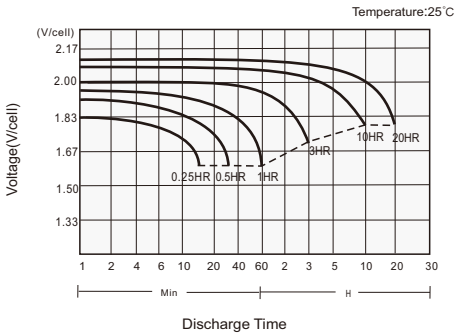
LPCG12-40 (12V38Ah)

LEOCH BATTERY

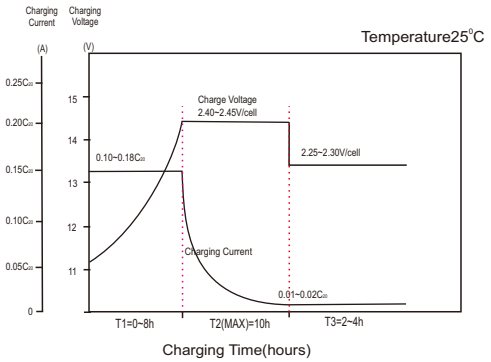
GENERAL FEATURES

- 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

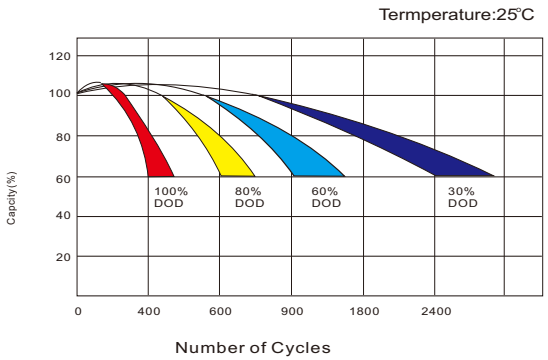
Discharge Characteristics



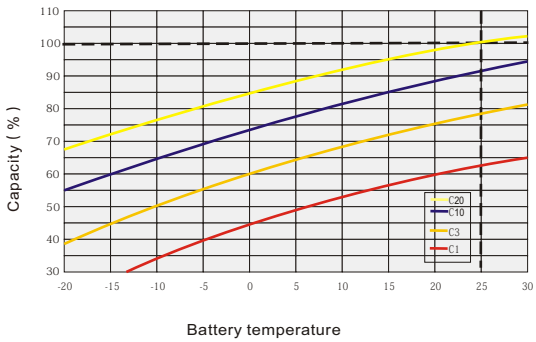
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Capacity



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Leoch Battery Corporation
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