LPCG SERIES-CYCLE APPLICATION

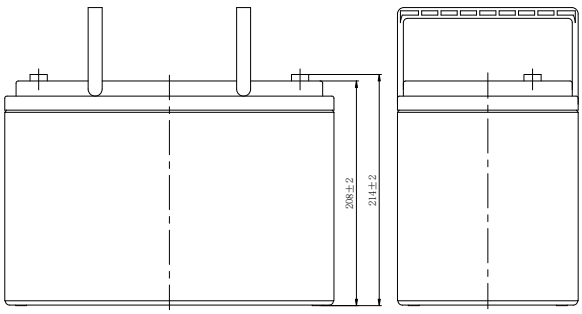
LPCG12-90 (12V90Ah)

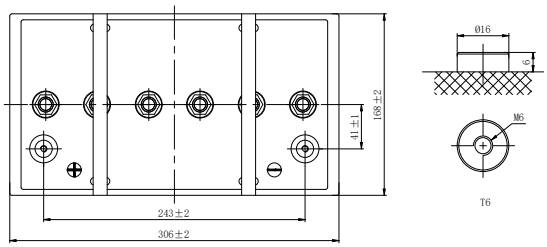
LEOCH BATTERY



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		27.5kg (60.6lbs)
Terminal		T6(M6)
Container Material		ABS
Short-circuit current		1955A
Internal Resistance (25℃)		≤ 7.4 mΩ
Self Discharge		≤3% per month at 25℃ (77℉)
Capacity	20HR	90Ah
	10HR	85Ah
	5HR	75Ah
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

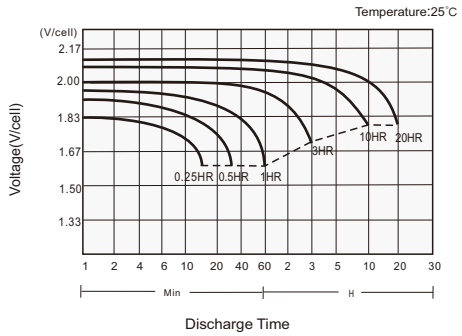
LPCG12-90 (12V90Ah)

LEOCH BATTERY

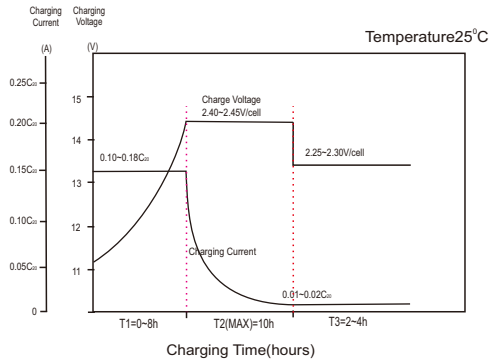
GENERAL FEATURES

- 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

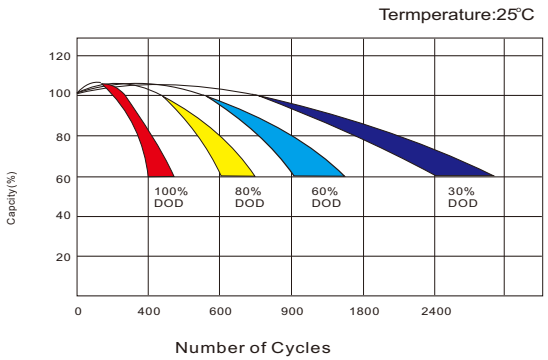
Discharge Characteristics



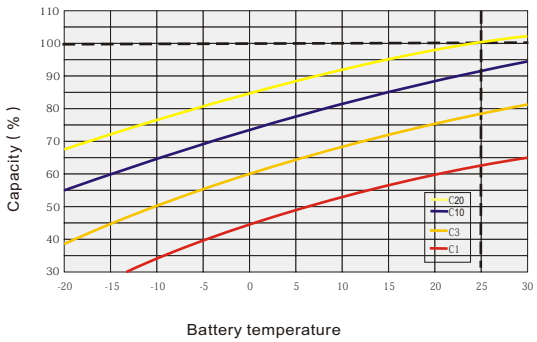
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Capacity



Leoch International Technology Ltd.
www.leoch.com

Leoch Batteries Pte Ltd
www.leoch.sg

Leoch Battery Corporation
www.leochamericas.com

Leoch Europe S.A.
www.leoch.eu

Data above is recommended and the picture is only for battery effect display, Leoch reserve the final right of explanation.
© LEOCH. All rights reserved.Trademarks and logos are the property of LEOCH and its affiliates unless otherwise noted.Subject to revisions without prior notice. E&OE.

Publication No.:LB-LPCG12-90-PD-EN-V2.0-20240130