

LPCG SERIES-CYCLE APPLICATION

LPCG12-24 (12V24Ah)



CHARACTERISTICS

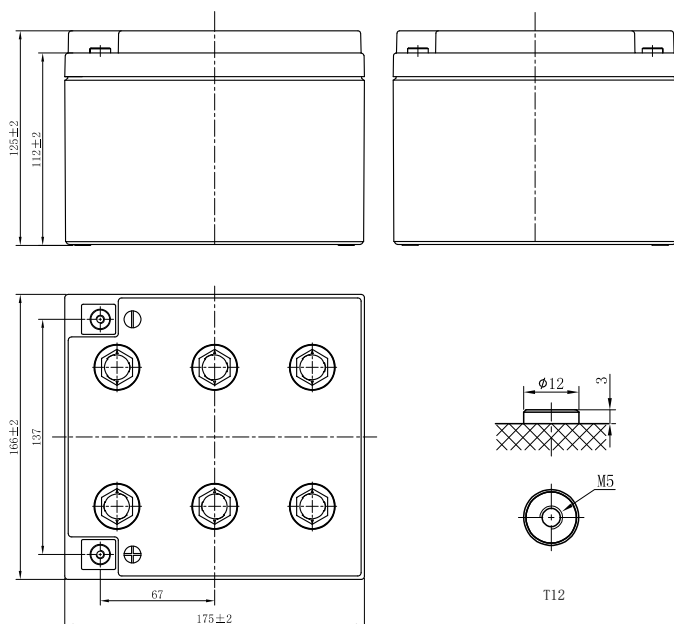
Item	Specifications
Voltage	12V
Dimension	Length 166mm (6.54inches)
	Width 175mm (6.89inches)
	Container Height 125mm (4.92inches)
	Total Height 125mm (4.92inches)
Approx Weight	8.5kg (18.7lbs)
Terminal	T12(M5)
Container Material	ABS
Short-circuit current	565A
Internal Resistance (25°C)	≤ 20 mΩ
Self Discharge	≤3% per month at 25°C (77°F)
Capacity	20HR 24Ah
	10HR 22.6Ah
	5HR 19.8Ah
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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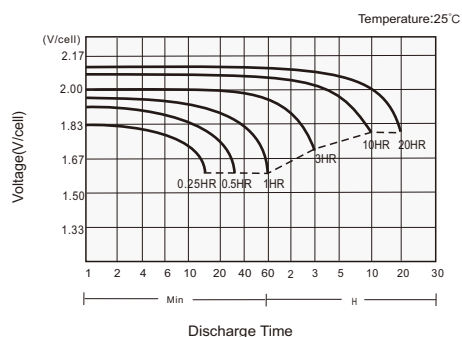
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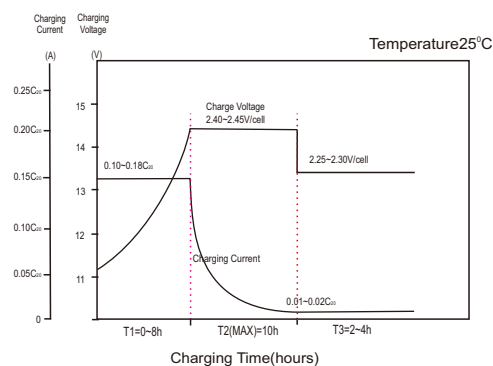
GENERAL FEATURES

- 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

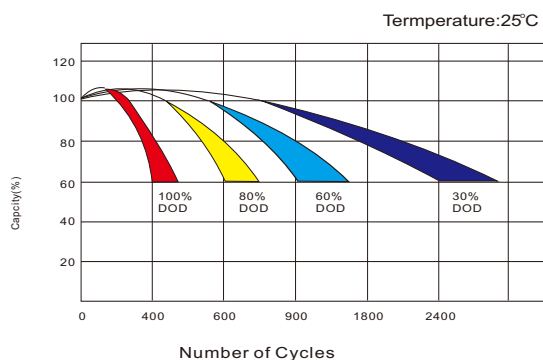
Discharge Characteristics



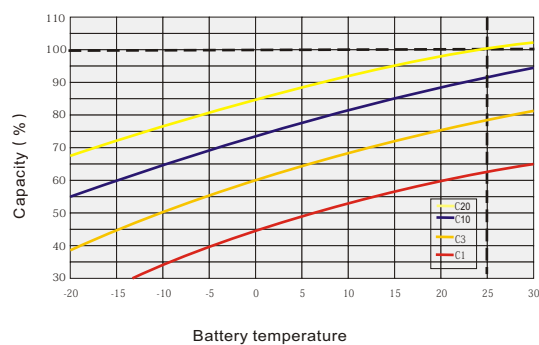
Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Capacity



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