

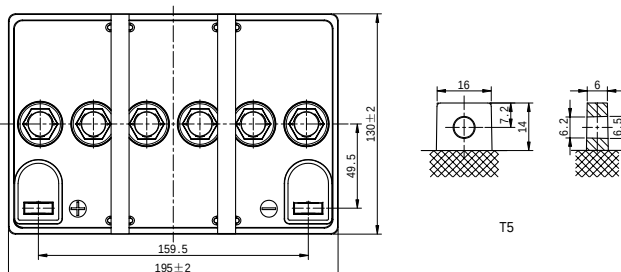
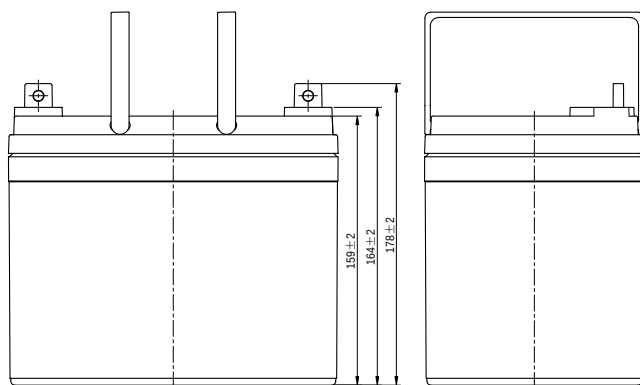
LPCG SERIES-CYCLE APPLICATION

LPCG12-30 (12V30Ah)



CHARACTERISTICS

Item	Specifications
Voltage	12V
Dimension	Length 195mm (7.68inches)
	Width 130mm (5.12inches)
	Container Height 164mm (6.46inches)
	Total Height 178mm (7.01inches)
Approx Weight	10.2kg (22.5lbs)
Terminal	T5
Container Material	ABS
Short-circuit current	690A
Internal Resistance (25°C)	≤ 14.5 mΩ
Self Discharge	≤3% per month at 25°C (77°F)
Capacity	20HR 30Ah
	10HR 27.6Ah
	5HR 24.3Ah
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

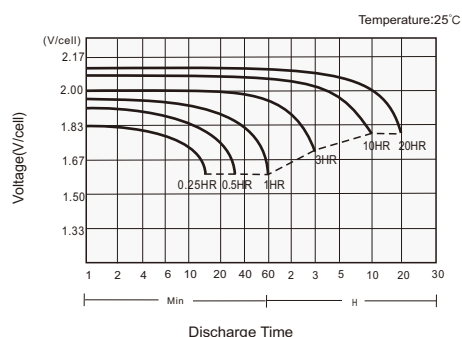
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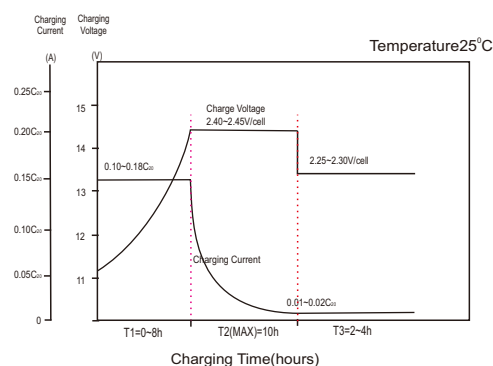
GENERAL FEATURES

- 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

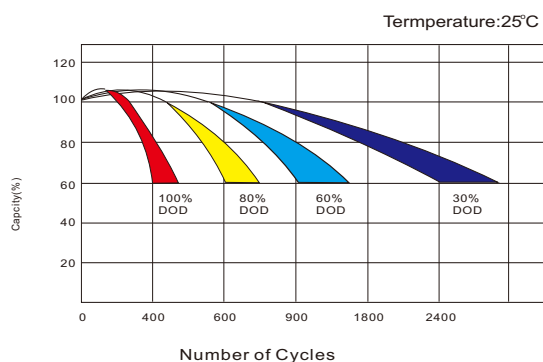
Discharge Characteristics



Charging Characteristics



Cycle Life in Relation to Depth of Discharge



Temperature Effects in Relation to Capacity

