

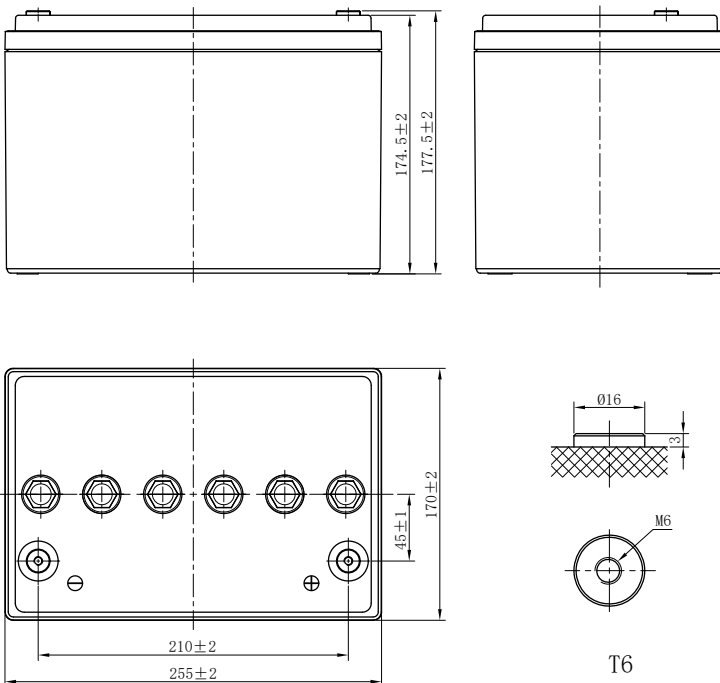
# LPCG SERIES-CYCLE APPLICATION

LPCG12-60 (12V60Ah)



## CHARACTERISTICS

Item	Specifications
Voltage	12V
Dimension	Length 255mm (10.0inches)
	Width 170mm (6.69inches)
	Container Height 174.5mm (6.87inches)
	Total Height 177.5mm (6.99inches)
Approx Weight	18.5kg (40.8lbs)
Terminal	T6(M6)
Container Material	ABS
Short-circuit current	1265A
Internal Resistance (25°C)	≤ 9.8 mΩ
Self Discharge	≤3% per month at 25 C (77 F)
Capacity	20HR 60Ah
	10HR 55Ah
	5HR 47.5Ah
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

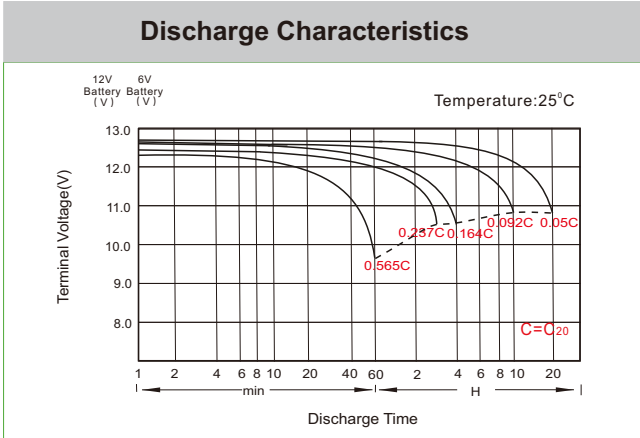
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## LPCG12-60 (12V60Ah)

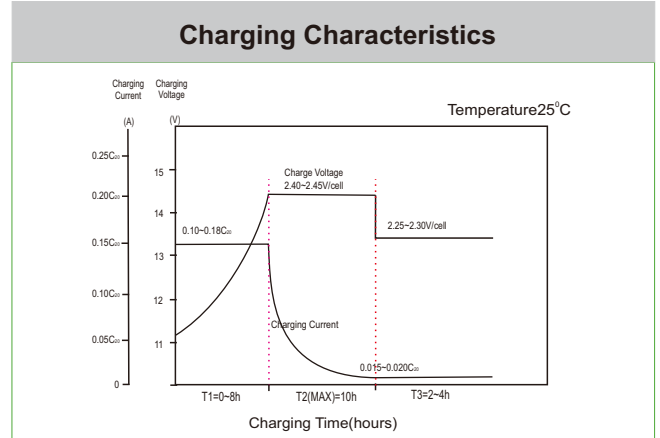
### GENERAL FEATURES

- Special plate design, long cycle life
- $\geq 600$  Cycles @ 80%DOD
- Operation temperature  $-20 \sim 55^{\circ}\text{C}$
- $\leq 2\%$  Self discharge per month
- Good deep discharge resilience performance

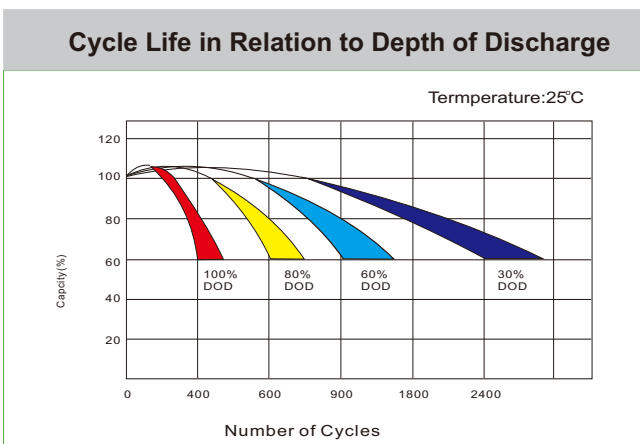
#### Discharge Characteristics



#### Charging Characteristics



#### Cycle Life in Relation to Depth of Discharge



#### Temperature Effects in Relation to Battery Capacity

