# LPCG SERIES-CYCLE APPLICATION

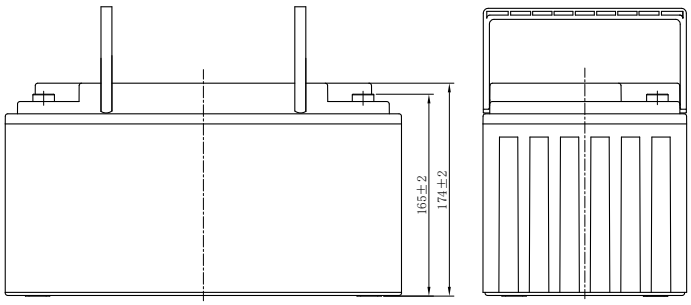
LPCG12-65 (12V65Ah)

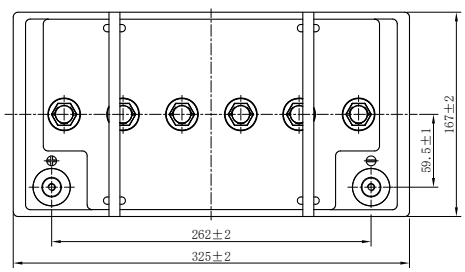
LEOCH BATTERY

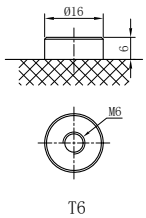



## CHARACTERISTICS

| Item | | Specifications |
|---|---|---|
| Voltage | | 12V |
| Dimension | Length | 325mm (12.8inches) |
| | Width | 167mm (6.57inches) |
| | Container Height | 174mm (6.85inches) |
| | Total Height | 174mm (6.85inches) |
| Approx Weight | | 20.5kg (45.2lbs) |
| Terminal | | T6(M6) |
| Container Material | | ABS |
| Short-circuit current | | 1380A |
| Internal Resistance (25℃) | | ≤ 9.4 mΩ |
| Self Discharge | | ≤3% per month at 25℃ (77℉) |
| Capacity | 20HR | 65Ah |
| | 10HR | 60Ah |
| | 5HR | 52Ah |
| 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

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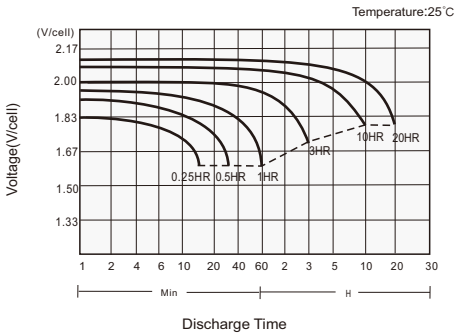
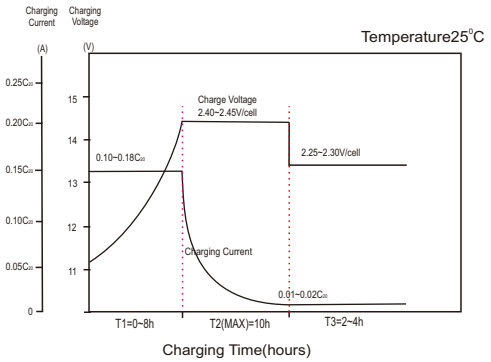
## GENERAL FEATURES

- 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

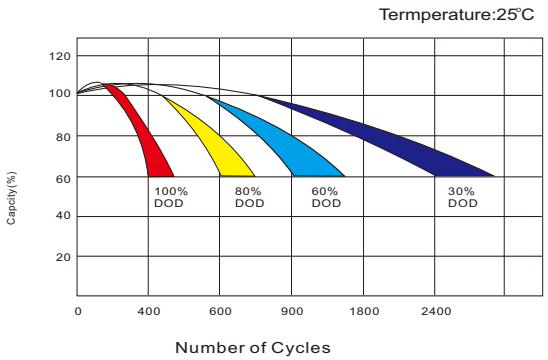
### Discharge Characteristics



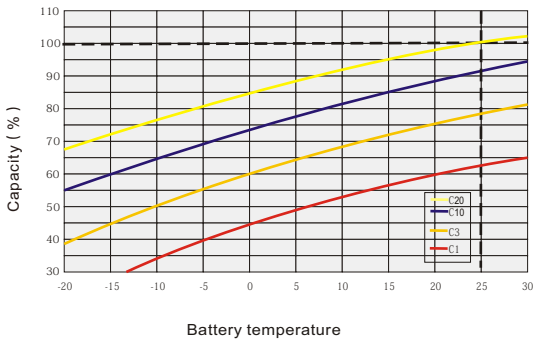

### Charging Characteristics




### Cycle Life in Relation to Depth of Discharge




### Temperature Effects in Relation to Capacity





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