

Technical specification

Lithium Battery LP12V60AH+

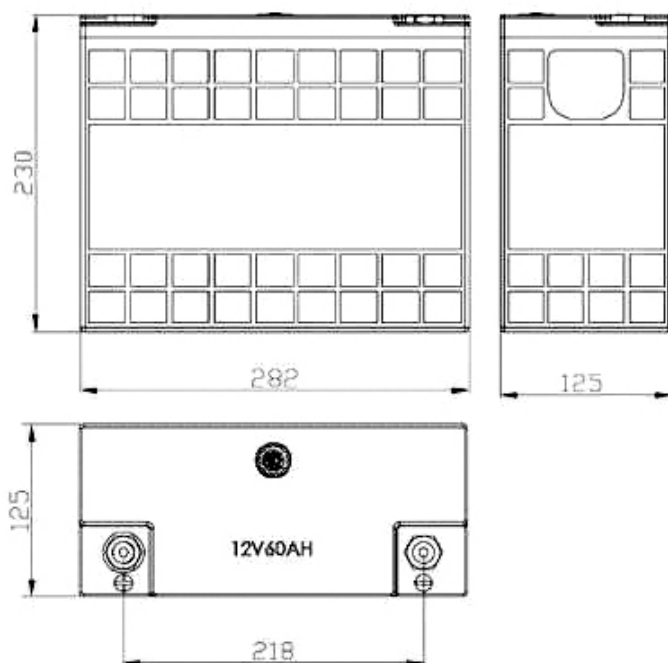


PRODUCT WEBPAGE



Lithium Battery LP12V60AH+

| Specifications | | |
|--|-------------------------|--|
| Model name | LP12V60AH+ | Alternative product marking TS-LP12V60AH |
| Nominal voltage | 12 V | Operating voltage under load is 12.0 V |
| Capacity | 60 Ah | +/- 5 % |
| Operating voltage | min 11,5 V - max 15,5 V | At 80 % DOD |
| Deep discharge voltage | 11 V | The cells are damaged if voltage drops below this level |
| Maximal charge voltage | 16 V | The cells are damaged if voltage exceeds this level |
| Optimal discharge current | < 30 A | 0.5 C |
| Maximal discharge current | < 180 A | 3 C, continuous for max 30 minutes from full charge |
| Max peak discharge current | < 600 A | 10 C, maximal 10 seconds in 1 minute |
| Optimal charge current | < 30 A | 0.5 C |
| Maximal charge current | < 180 A | < 3 C with battery temperature monitoring |
| Maximal continuous operating temperature | 80 °C | The battery temperature should not increase this level during charge and discharge |
| Dimensions | 282x230x125 mm | Millimeters (tolerance +/- 2 mm) |
| Weight | 11.5 kg | Kilograms (tolerance +/- 150 g) |





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