

Technical specification

# Winston LFP130AHA cell

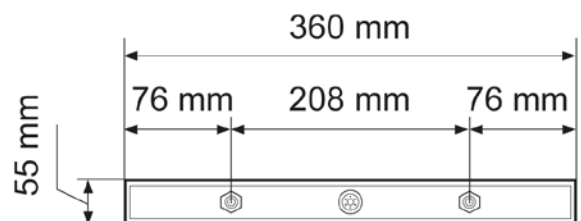
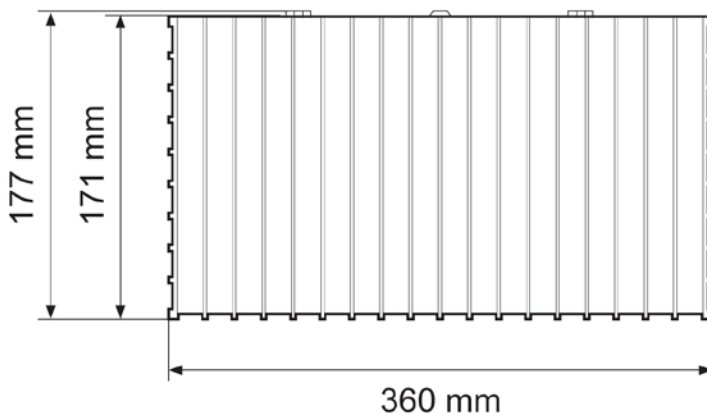


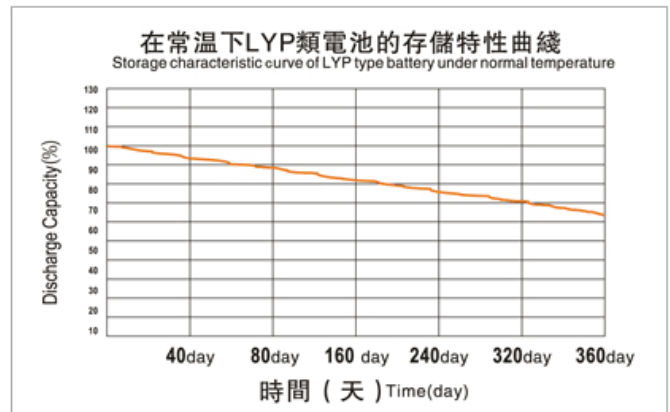
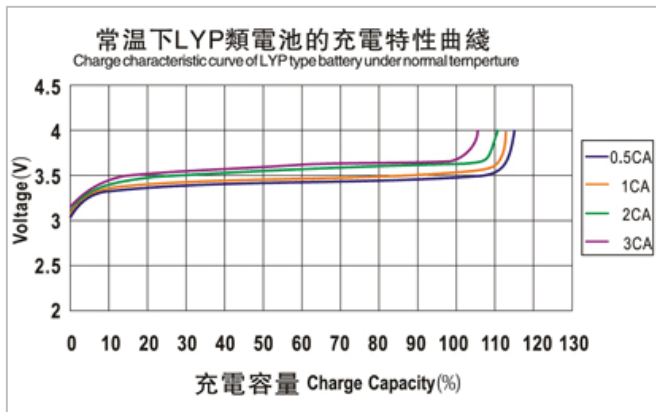
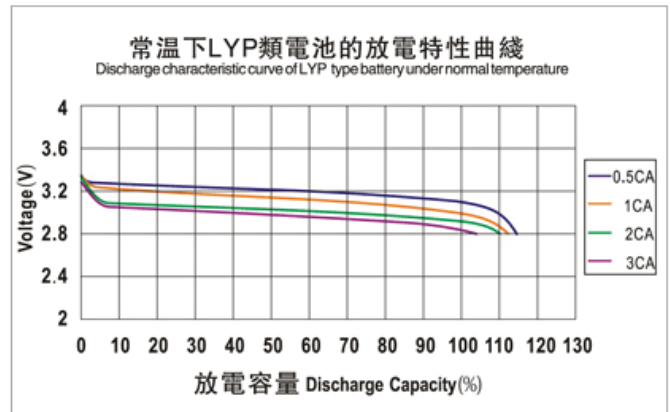
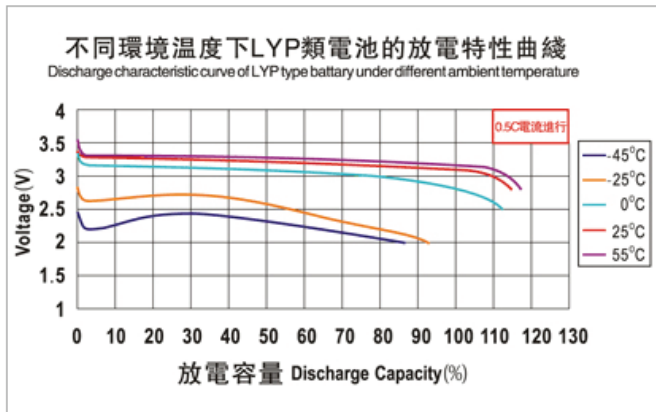
**PRODUCT WEBPAGE**



## Winston LFP130AHA cell

| Specifications                           |                       |  |
|--|-----------------------|--|
| Model name                               | LFP130AHA             | Alternative product marking WB-LYP130AHA   |
| Nominal voltage                          | 3.3 V                 | Operating voltage under load is 3.0 V  |
| Capacity                                 | 130 AH                | +/- 5%   |
| Operating voltage                        | max 3.8 V - min 2.8 V |  |
| Deep discharge voltage                   | 2.8 V                 | The cell is damaged if voltage drops below this level                              |
| Maximal charge voltage                   | 3.8 V                 | The cell is damaged if voltage exceeds this level                                  |
| Optimal discharge current                | < 65 A                | 0.5 C  |
| Maximal discharge current                | < 390 A               | 3 C, continuous for max 15 minutes from full charge                                |
| Max peak discharge current               | < 1300 A              | 10 C, maximal 5 seconds in 1 minute  |
| Optimal charge current                   | < 65 A                | 0.5 C  |
| Maximal charge current                   | < 390 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                               | 360 x 177 x 55 mm     | Millimeters (tolerance +/- 2 mm)   |
| Weight                                   | 5.2 kg                | Kilograms (tolerance +/- 150g)   |
| Optimal torque force                     | 35 - 40 Nm            |  |





 **PRODUCT WEBPAGE** 



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