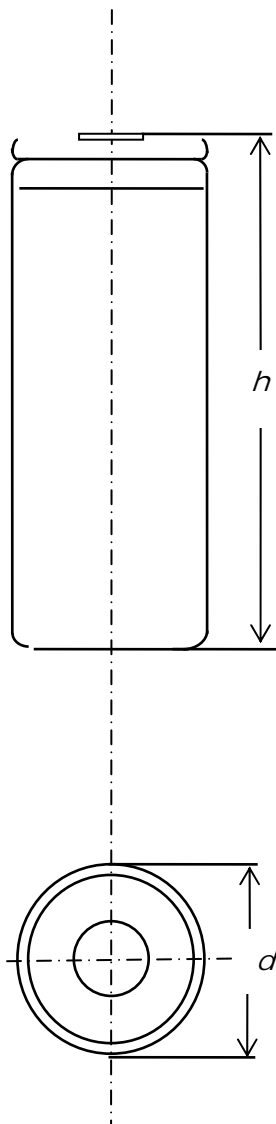


**LFP18650P-1100 CELL DATA SHEET**



**Type** ----- Lithium Iron Phosphate Cell

**Model** ----- LFP18650P-1100

**Nominal voltage** ----- 3.2V

**Capacity** (20°C, 0.2 C<sub>5</sub> to 2.5V)

Nominal ----- 1100mAh

Minimum ----- 1050mAh

**Internal impedance** (20°C±5°C) ----- ≤30mΩ

**Charge conditions** (20°C±5°C)

Standard charge ----- 550mA CC/CV

Fast charge ----- 1100mA CC/CV

Maximum continuous charge current ----- 2200mA

Charge end voltage ----- 3.65±0.05V

**Discharge conditions** (20°C±5°C)

Standard discharge ----- 220mA

Maximum continuous discharge current ----- 11A

Pulse discharge 10 Seconds, Voltage >2.0 V ----- 22A

Discharge end voltage ----- 2.5V

**Dimension** (including insulation tube)

Diameter, d ----- 18.2±0.2mm

Height, h ----- 64.5±0.5mm

**Weight approx.** ----- 37g

**Operating environment conditions (recommended)**

Discharge ----- -20~60°C

Charge ----- 0~45°C

Standard Test ----- 20°C±5°C

**Storage conditions** (Relative Humidity 45-85%, 86-106KPa)

Less than 1 year ----- -20~25°C

Less than 3 months ----- -20~40°C