


**LIVEN LV-CHF Charger Series-LiFePO<sub>4</sub>**

- > High performance, completely maintenance-free
- > 100% precise quality testing, stable quality and high reliable performance
- > Uniform output voltage
- > Suitable for standby power and energy storage power use.
- > Long storage time.

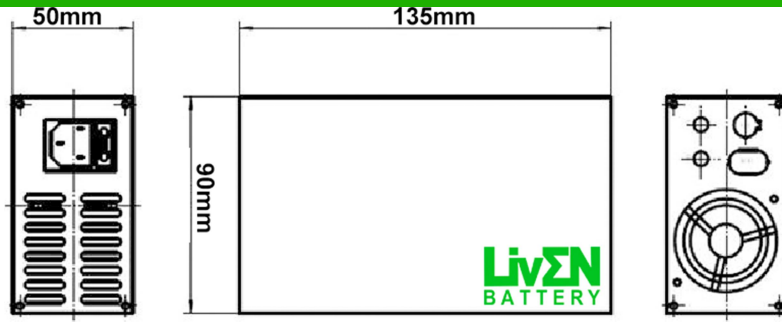
**Battery Applications:**

- > Telecommunications
- > Uninterruptable Power Supply (UPS)
- > DC power supply
- > Electric Power System (EPS)
- > Emergency backup power supply
- > Wheelchairs and Scooters
- > Golf trolleys and Golf cart
- > Railway and Marine systems
- > Electric tools
- > Medical equipment

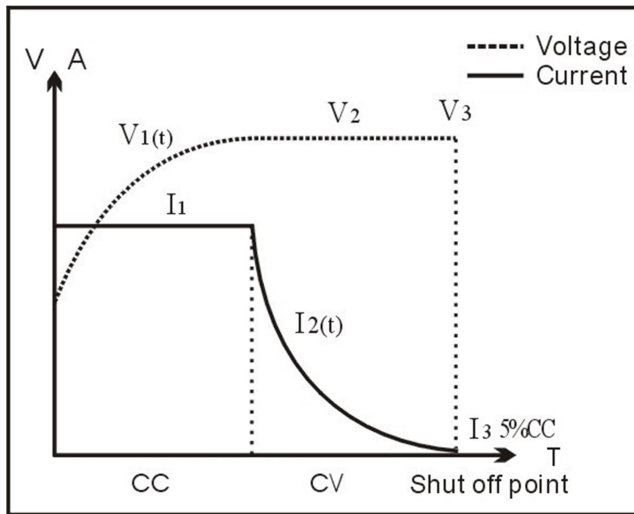
**Specification:**

|   |                               |                              |
|---|-------------------------------|------------------------------|
| <b>INPUT VOLTAGE</b>  |                               | 220 Vac                      |
| <b>INPUT VOLTAGE RANGE</b>  |                               | 180-240Vac                   |
| <b>AC INPUT VOLTAGE FREQUENCY</b>   |                               | 50~60Hz                      |
| <b>OUTPUT VOLTAGE</b>   |                               | 14.4 V±0.2Vdc                |
| <b>OUTPUT CURRENT</b>   |                               | 6 A±0.2A                     |
| <b>MAX. OUTPUT POWER</b>  |                               | 120W                         |
| <b>CHARGING INDICATOR</b>   | <b>POWER ON</b>               | LED1: Red                    |
|   | <b>CHARGING</b>               | LED2: Red                    |
|   | <b>FULLY CHARGED</b>          | LED2: Green                  |
| <b>CHARGE STAGES</b>  | <b>CC (Constant Current)</b>  | ≤14.4V, 6A                   |
|   | <b>CV ( Constant Voltage)</b> | 14.4V, 6A ↓                  |
|   | <b>POWER EFFICIENCY</b>       | ≥88%                         |
| <b>OPERATION TEMPERATURE RANGE</b><br><i>(When the environment temperature is higher than 45°C, please pay attention to ventilation and heat rejection)</i> |                               | <b>OPERATING</b> -10°C~+40°C |
| <b>STORAGE TEMPERATURE RANGE</b><br><i>(Work normally after recovery under normal temperature for 2 hours)</i>  |                               | -40°C~ +70°C                 |
| <b>HUMIDITY RANGE</b><br><i>(When the environment temperature is higher than 45°C, please pay attention to ventilation and heat rejection)</i>              |                               | 5~95% (With package)         |
| <b>ALTITUDE</b>   |                               | ≤3000m (Work normally)       |
| <b>PROTECTION CHARACTERISTICS</b><br><i>OVP=Over Voltage Protection; CLP=Current Limit Protection; SC=Short-circuit; RP=Reverse Polarity Protection</i>     |                               | OVP, CLP, SC, RP             |
| <b>CHARGER HOUSING</b>  |                               | Aluminium case               |
| <b>DIMENSIONS (LxWxH) (mm)</b>  |                               | 135±3mm x 90±2mm x 50±2mm    |
| <b>WEIGHT (kg)</b>  |                               | 0.8 ±0.1kg                   |
| <b>INPUT PLUG</b>   |                               | Europe Standard AC Plug      |
| <b>OUTPUT PLUG</b>  |                               | Alligator Clip               |

**Outer Dimensions:**



**Charger Characteristic Curve CC/CV**



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