

## LC20042 LiPo Portable 10S 37V Li-ion Car Battery Charger

### Specification

- Input: 120 or 240V (defined when order)
- Output: 42V 4.5A
- Charge Process: C.C--C.V.--Cut off
- Charger Indicator: Red Charging/Green Finished
- Output Protections: Short-circuit, Reverse Polarity
- Safety Approval: CE
- Size: 213 x 94 x 54mm
- Battery type: 37Volt (7Cells) 8~50Ah Li-ion Batteries



## Detail Description

### Feature:

Auto 4 stages (Pre-CC-CV-Cutoff) charging process.

Pre-charge function for deep discharged battery pack

Designed for 4 series Li-ion/polymer battery

With bi-color LED, red for charging green for finished Red flashing for errors, "off" for no battery

Protection mode for battery polarity reversed or the output connectors shorted.

Meet EN60335-2-29,Also, products can conform to UL1310,But this product has not UL report

**Specification for LC20042**

|                     |  |          |          |            |
|---------------------|--|----------|----------|------------|
| Input Voltage       | 100~120VAC or 220~240VAC, 50-60Hz                  |          |          |            |
| Input Current       | 3.3A @ 100V input.                                 |          |          |            |
| Input power factor  | 0.7  |          |          |            |
| CV Charge Voltage   | LC20016  | LC20029  | LC20042  | LC20054    |
|                     | 16.8V  | 29.4V    | 42.0V    | 54.0V      |
| Bulk charge current | Up to 15A  | Up to 8A | Up to 6A | Up to 4.5A |
| Pre-charge current  | 2A   | 1.2A     | 1.2A     | 0.7A       |
| Operate Temp.       | -20°C~40°C   |          |          |            |
| Cooling             | Fan convection. Do not cover the charger.          |          |          |            |
| Charge principle    | Auto 4 stages (Pre-CC-CV-Cutoff) charging process. |          |          |            |
| Battery type        | 4 series Li-ion/polymer battery                    |          |          |            |
| Battery capacity    | 10-100Ah   |          |          |            |
| Size                | 213 x 94 x 54mm                                    |          |          |            |
| Output cable        | 1.5 meter 2xAWG16#, SPT1 wire, alligator clips     |          |          |            |
| Input AC plug       | IEC60320-C14                                       |          |          |            |
| Enclosure           | Aluminium casing, with Fan cover.                  |          |          |            |
| Weight              | 0.9kg  |          |          |            |