

## Lithium Iron Phosphate (LiFePO4) Battery Charger

### ■ SPECIFICATIONS

|                  |                                                                         |                                                                                            |
|------------------|-------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Item Description | Smart CC/CV                                                             | 12.8V / 15A LiFePO <sub>4</sub> Battery Charger w/ 4ft alligator clips cable               |
|                  | CAUTION: Designed for charging 12.8V LiFePO <sub>4</sub> batteries only |                                                                                            |
| Input            | Rating Input Voltage (VAC)                                              | 100 ~ 240 (47 - 63Hz)                                                                      |
|                  | Input Voltage Range (VAC)                                               | 90 ~ 264 (47 - 63Hz)                                                                       |
|                  | Max Input Current (A)                                                   | 3                                                                                          |
| Output           | Output Voltage (VDC)                                                    | 14.4 ± 0.2V                                                                                |
|                  | Output Current (A)                                                      | 15± 5%                                                                                     |
|                  | Safety & EMC                                                            | IEC60601-1 & EN55014 / EN61000                                                             |
|                  | Max Output Power (W)                                                    | 216                                                                                        |
|                  | LED Color                                                               | Green ON: Fully Charged<br>Red ON: Charging<br>Red Flashing: Fault<br>LED Off: No AC Power |
|                  | Short Circuit Protection                                                | Present, Self Recovery                                                                     |
|                  | Reverse Polarity Protection                                             | Present, Self Recovery                                                                     |
| Environmental    | Operating Temperature (°C)                                              | -10 ~ +40                                                                                  |
|                  | Operating Humidity (%)                                                  | 5 ~ 95                                                                                     |
|                  | Storage Temperature (°C)                                                | -40 ~ +70                                                                                  |
|                  | Storage Humidity (%)                                                    | 5 ~ 95                                                                                     |
|                  | Maximum Altitude (m)                                                    | 3000                                                                                       |
| Mechanical       | Weight (approx.) (kg)                                                   | 1.2                                                                                        |
|                  | Size (case only)<br>L x W x H (mm)                                      | 203 x 100 x 54                                                                             |
|                  | Input Plug                                                              | 2-prong USA                                                                                |
|                  | Output Cable Length (ft)                                                | 4                                                                                          |
|                  | Output Connector                                                        | Black Alligator - Negative<br>Red Alligator - Positive                                     |

