



## Charging & Balancing System

### 1432 Series Charger

| Item                                     | Specification   |
|--|---|
| <b>Description</b>                       | Lithium-Ion/Polymer Charger + Balancing system, calibrated according to customer request  |
| <b>Charging Method</b>                   | CC-CV   |
| <b>Charging Voltage</b>                  | According to charger calibration ( $\pm 0.2V$ )   |
| <b>Charging Current</b>                  | Up to 5A  |
| <b>Electronic System</b>                 | <ul style="list-style-type: none"><li>- Lithium-Ion Charging system</li><li>- Balancing system</li><li>- Charging status indication LED</li><li>- Storage charge option</li><li>- Thermal protection during charge (Thermistor)</li></ul> |
| <b>Charger + Balancer Safety Systems</b> | <ul style="list-style-type: none"><li>- Reverse polarity</li><li>- Over charge on each cell</li><li>- Over charging time: 17 hours (charger automatically disconnects)</li></ul>  |
| <b>Input Voltage</b>                     | 110 or 230VAC, 50Hz   |
| <b>Charge Connector</b>                  | D-type 15 pin / D-type 17W2   |
| <b>Inlet Connector</b>                   | 3-pin IEC cable socket female cold connector  |
| <b>Switches</b>                          | <ul style="list-style-type: none"><li>- "ON/OFF switch"</li><li>- "Full charge / Storage charge" switch</li></ul>   |
| <b>Output Data</b>                       | RS232 connection (RS232 cable not supplied)   |
| <b>Charging Temperatures</b>             | 0 - +40°C   |
| <b>Case</b>                              | AMICELL Aluminum case – D275 x W260 x H110  |
| <b>Charger Connector</b>                 | <p>Z Charge + Balance:</p> <ul style="list-style-type: none"><li>- 2 D-type 15 pin</li><li>- 3 D-type 17W2</li></ul>  |
| <b>Time Limit For Charging Process</b>   | <p>48 hours</p> <ul style="list-style-type: none"><li>- 0: No time limit</li><li>- 1: Time limit</li></ul>  |
| <b>Max Charge Voltage</b>                | <ul style="list-style-type: none"><li>- 0: 4.2V (Li-Ion / Li-Po cells)</li><li>- 1: 4.3V (For high energy density cells / H300 series)</li></ul>  |