



E-BOX Conversion

Battery Adaption Kit for OneCharge Batteries

For owners of OneCharge batteries, field usage and maintenance just got a whole lot easier. Our innovative Battery Adaption Kit offers a drop-in solution specifically designed for OneCharge's "flat style" E-box. This kit seamlessly integrates with the Green Cubes platform, providing comprehensive support and functionality to maximize your battery performance.

Key Features

- **Drop-in Solution:** Tailored for OneCharge "flat style" E-box for effortless installation
- **Green Cubes Platform Integration:**
 - **Software Configuration Assistance:** Easily configure your battery with the support of our expertly designed software
 - **One Controller Solution:** Manage a mixed fleet with a single controller
 - **Charge and Protection:** Pre-configured to align with Green Cubes' non-CAN charging standard, ensuring optimal charging and battery protection
- **Seamless Charging Functionality:** Charge Run/ Stop allows for uninterrupted charging cycles. CAN Controlled Charging: Optional CAN communication for enhanced charging management
- **CAN Communication and Harnessing:** Available for approved equipment, ensuring smooth integration
- **Relay Option:** Supports integrated heaters to maintain battery efficiency in varying conditions
- **Wireless BMS Connection:** Enables wireless management of your battery's health and performance
- **Full solution:** Includes a user guide and installation instructions

This Battery Adaption Kit is designed to streamline your battery maintenance and enhance the longevity and reliability of your OneCharge batteries in the field. By leveraging the advanced features of the Green Cubes platform, you can ensure efficient and seamless operation, whether you're managing a single battery or a mixed fleet.

Start optimizing your battery management today with our state-of-the-art Battery Adaption Kit for OneCharge batteries.

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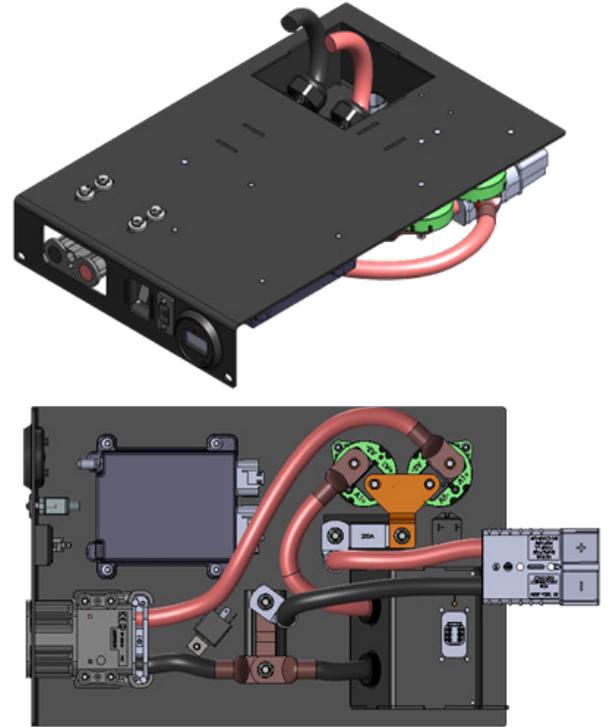
Battery Voltage

| Nominal Pack V | Protection | Charge | Discharge |
|----------------|------------------|------------------|----------------|
| 25.6V (8S) | 29.2V to 20.4V | 28.4V to 20.4V | 29.2V to 22.4V |
| 38.4V (12S) | 43.8V to 30.6V | 42.6V to 30.6V | 43.8V to 33.6V |
| 48V (15S) | 54.75V to 38.25V | 53.25V to 38.25V | 54.75V to 42V |

Battery Current

| Capacity (Ah) | Charge Max Cont. (A) | Discharge Max Cont. (A) |
|---------------|----------------------|-------------------------|
| 105 | 50 | 100 |
| 210 | 100 | 175 |
| 315 | 200 | 200 |
| 420 | 250 | 280 |
| 525 | 250 | 280 |
| 630 | 250 | 280 |
| 735 | 250 | 280 |
| 840 | 250 | 280 |
| 945 | 250 | 280 |
| 1050 | 250 | 280 |

| Parameter | Description | ≤48V |
|---------------|--------------------|-----------------|
| Connectors | Charge | Euro A320 |
| | Discharge | SB350 (gray) |
| | Battery Core | SB350 (gray) |
| | Auxiliary | Deutsch DT04-6p |
| | USB | USB-B |
| Environmental | Temp Protection | 149°F |
| | Temp Charge | 32°F - 131°F |
| | Temp Discharge | -4°F - 131°F |
| | Storage | -4°F - 131°F |
| | Humidity | <70% |
| | Ingress Protection | IP2x |



ABOUT GREEN CUBES TECHNOLOGY

Green Cubes Technology harnesses over 30 years of industry experience to ensure we design, develop and deliver solutions for the most challenging energy needs. We offer battery technology innovation, application design and performance management to drive productivity, scalability and sustainability.

For more information, email info@greencubes.com
or visit greencubes.com



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