Battery Chargers

To ensure correct equalization of the lithium cell battery packs, SCE has approved single-phase and three-phase battery chargers, which implement the SCE communication protocol for correct communication and continuation with the BMS thanks to the CAN bus. "On Board" single-phase solutions are available for installation on the vehicle and the more traditional "Off Board" solutions (single and three-phase) for mounting outside the vehicle.

PRODUCT FEATURES

- High frequency switching technology
- Very low output ripple
- High efficiency, higher than 89%
- Powers available up to 350A (possibility to parallel)
- On Board or Off Board versions for each application
- Suitable for lithium batteries of different voltages and chemicals
- Control of the charge process managed by a microprocessor
- Simultaneous display, on a graphic display, of the following quantities:
  1. Charge current
  2. Battery voltage
  3. Ah absorbed by the battery
  4. Duration of the charge cycle
  5. Charge curve
- Display in alphanumeric form, of any error messages
- Output short-circuit protection
- Protection against polarity reversal
- Programmable through the USB port or the display
- Communication via CAN for dialogue with BMS SCE

