



DATASHEET:

# LG CHEM 12S – 6,85 kWh



|                                     |  |
|-------------------------------------|--|
| <b>Type</b>                         | LG Chem 12S  |
| <b>Battery Type</b>                 | Li-Ion   |
| <b>Cooling</b>                      | Water Cooled plate underneath - optional               |
| <b>Nominal voltage</b>              | 43,95 VDC  |
| <b>Maximum voltage</b>              | 50,4 V total or 4,2V cell voltage                      |
| <b>Minimum voltage</b>              | 30 V total or 2,5V cell voltage                        |
| <b>Capacity</b>                     | Min 156Ah – 6,85 kWh                                   |
| <b>Maximum current peak</b>         | 280 Ampere   |
| <b>Maximum current continue*</b>    | 140 A * with battery cooling                           |
| <b>Maximum balancing current</b>    | 80 mA  |
| <b>Min / Max discharge temp.</b>    | -25 to +55 °C  |
| <b>Min / Max charge temperature</b> | -0 to +55 °C   |
| <b>Weight</b>                       | Ca. 31 kg  |
| <b>Dimensions</b>                   | 590 x 226 x 109 mm                                     |
| <b>Options*</b>                     | By EV Europe developed dedicated BMS board – wire loom |

\*a good functioning Battery Management System is required at all times!

## Dimensions

