



DATASHEET:

# CATL 12S – 6,85 kWh module

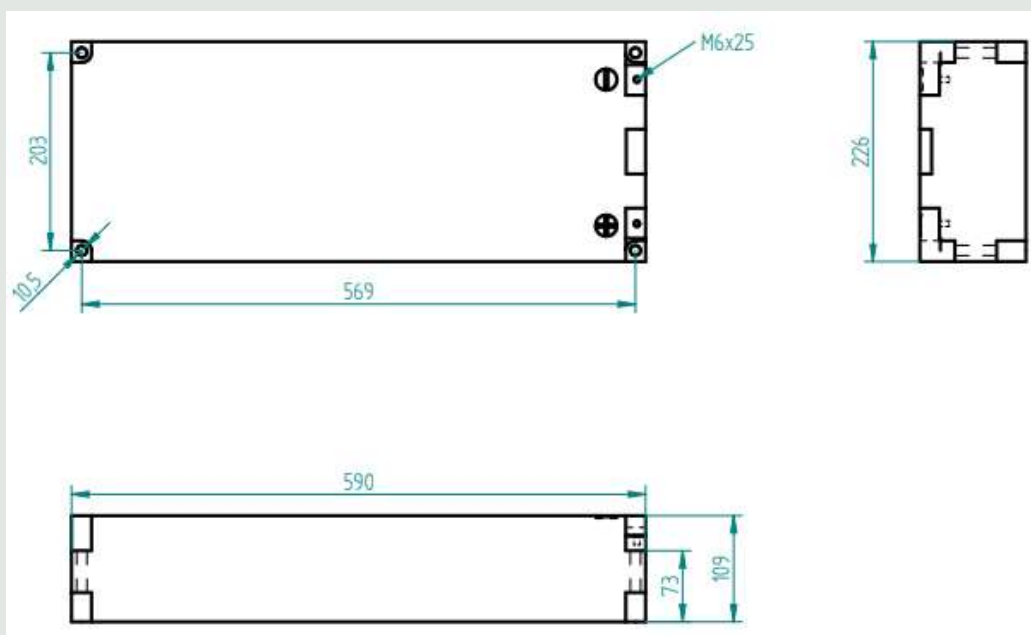
**EV EUROPE**



<b>Type</b>	CATL 12S
<b>Battery Type</b>	Li-Ion
<b>Cooling</b>	Water Cooled plate underneath - optional
<b>Nominal voltage</b>	43,8 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



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