

cBRIX50

The Energy Unit with cBRIX is a 24 V system consisting of a small and compact lithium-ion battery - the cBRIX50 - and a charger. Depending on the application, the Energy Unit with cBRIX can be expanded by various components. The heart of this system is the cBRIX50 battery, which has a capacity of 48 Ah and is designed for 24 V systems with 1.2 kWh.NOTE: The cBRIX50 is only available as part of the complete Energy Unit system and is not available for individual sale. If you are interested, please contact our Technical Sales Department.

// Small, compact and powerful
// Saving CO2 emissions

The cBRIX50 is a small and compact lithium-ion battery with integrated battery management system (BMS), cut-off relay and on/off button. The integrated and intelligent battery management system controls the charging and discharging of the battery, taking into account the battery temperature, voltage and discharge current. Depending on the application, the Energy Unit system can be flexibly designed and expanded. For example, an inverter can be optionally added to the Energy Unit for a 230 V output voltage, and a DC-DC converter can be added for a 12 V output voltage. In addition to charging via the 230 V house connection, vehicles with combustion engines can also be charged while driving via a charge booster.

Technical Information

Battery capacity	48 Ah
Cell chemistry	NCA
Charging Temperature	+5 °C ... +45 °C
Cycle stability (80 % DoD)	> 3,000
Nominal voltage (battery)	24 V
Operating temperature	-10 °C ... +55 °C
Operating voltage range	21.0 V ... 28.5 V
Transport temperature	-40 °C ... +60 °C
Dimensions (L x W x H)	201 x 105 x 271 mm
Weight	6.4 kg

*In the chosen option