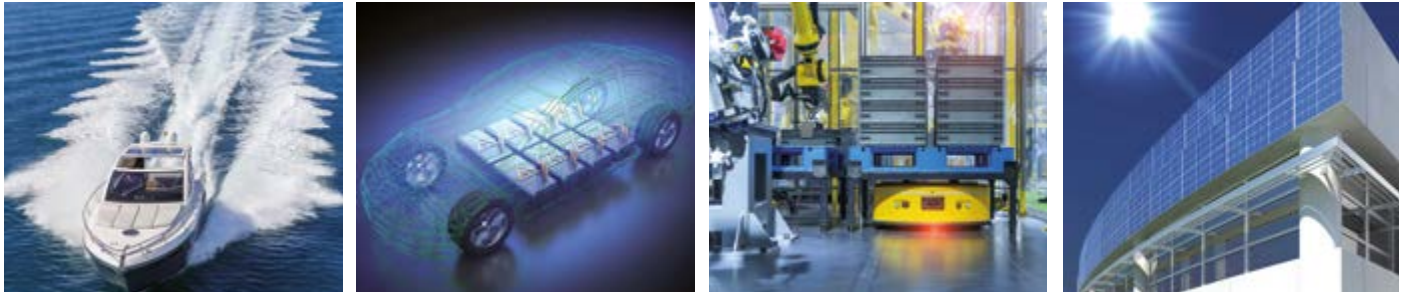




2 kWh LI-ION BATTERIE - TYP MC-E

STANDARD ENERGIEMODUL

SKALIERBAR, SICHER, PLUG & PLAY



- Robust Metal Housing
- Fast Charging Capable
- 360° Mechanical Integration
- Made in Germany
- Modular and scalable Configuration
- Recycle- and Reusable
- Safety: Integrated BMS
- Plug & Play

Technical Data	A48020MC (VB)	A48020MCE (VB)
Type	A48020MC (VB)	A48020MCE (VB)
Art. Nr.	AEN02491	AEN02565
Rated Capacity (Ah)	41,72	41,72
Rated Energy (Wh)	2102,69	2102,69
Usable Capacity (Ah)	40,00	40,00
Usable Energy (Wh)	2016,00	2016,00
Discharge Constant (A) ¹	42,42	42,42
Discharge Max (A) ²	113,00	113,00
Charge Standard (A)	21,21	21,21
Charge Max (A)	29,00	29,00
Nominal voltage (V)	50,40	50,40
Operational voltage range (V)	40V - 57,5V	40V - 57,5V
Cell Chemistry	Li-NMC	Li-NMC
Temperature Range	Charge: 10°C to +45°C Discharge: -20°C to +45°C	Charge: 10°C to +45°C Discharge: -20°C to +45°C
Maximum capacitive load (F)	4,4mF	4,4mF
Humidity / Operational Elevation	5 to 95 % / < 4.000 m	5 to 95 % / < 4.000 m
Configuration / Communication	CAN	CAN
Functions	2x M12 Data Connecto	1x M12 Data Connector, 1x On/Off switch
Usage	Standalone, Parallel only as Engineering Project	Standalone, Parallel only as Engineering Project
Housing	3 mm Alu-Die Cast	3 mm Alu-Die Cast
Dimensions	422.2 mm x 310 mm x 115 mm	422.2 mm x 310 mm x 115 mm
Weight	21 kg	21 kg

*: Temperature of internal cells, ambient temperature may differ

²: Discharge current depends on cell temperature. High current draw will cause the cell to heat up and will lead to a protective shutdown

³: Constant current for 1 complete discharge cycle at 20°C ambient temperature

⁴: depends on the specification of the used battery