



PRELIMINARY SPECIFICATIONS

FOR POWERPACK, COMPATIBLE TO

BOSCH* ACTIVE (PLUS) / PERFORMANCE (CX) DRIVE SYSTEM WITH 36 V

Power information

20 Ah / 720 Wh Carrier Battery



455 x 120 x 76 mm

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Technical information

Li-Ionen battery	20 Ah / 720 Wh
Nominal voltage	36 V
Nominal capacity	20 Ah
Energy	720 Wh
Cell Configuration	10 Series 4 Parallel
Mounting	Carrier
Dimensions	455 x 120 x 76 mm
Weight	3700 g

Charging

- Constant Current / Constant Voltage
- Max. 8 A charge current

Discharging

- 15 A continuous discharge current
- 24 A for 3 s
- 30 A for 200 ms

Intelligent eBV Battery Management System (BMS), Gen. 3

Safety Features

- Control of cell and BMS temperature
- Single cell voltage monitoring
- Passive cell balancing
- Battery pack voltage monitoring
 - over voltage protection (cells & pack)
 - deep discharge protection (cells & pack)
- Battery pack current monitoring
 - for charging
 - for discharging
 - short-circuit protection

Communication port

- CAN Bus (Bosch Active / Performance compatible)
- Compatible with Bosch Diagnostic Tool
- Integrated Bluetooth Chip for firmware updates

SoC (State of Charge) Display

- 5 LEDs and communication to HMI