



# e-bike-vision.de

Get more range!



Replacement battery Lite, compatible  
to Bosch Active (Plus) / Performance  
(CX) 36V drive system\*

\* All brands and product names are registered trademarks of their respective manufacturers

## Technical data:

- Nominal Voltage:
  - 36.0 V (50E)
  
- Nominal Capacity:
  - 10.0 Ah (50E)
  
- Nominal Energy:
  - 360.0 Wh (50E)
  
- Cell Configuration:
  - 10 series
  - 2 parallel
  
- Chemical System:
  - LiNiCoAlO<sub>2</sub>
  
- Cell Type:
  - Samsung INR21700-50E (360.00 Wh)
  
  
- Dimensions:
  - L x W x H: 268.2 x 80.0 x 76.6 mm (Downtube)
  - L x W x H: 341.3 x 118.0 x 76.2 mm (Carrier)
  
- Weight:
  - 1.800 g (Downtube)
  - 2.000 g (Carrier)

- 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