



# CABLES FOR BATTERY STORAGES (BESS)

## Wind-, Solar power plants and DataCenter

- Cables for infrastructure
- Cables for control and communication
- Cable accessories

Cables made in Germany

[bayka.de/en](http://bayka.de/en)

**Bayka**  
since 1885

# CABLES FOR BATTERY STORAGE (BESS)

## DC POWER: BATTERY to DC bus / PCS



### CFW PowerCable® CPDC

(DC up to max. 1800 V DC)

### BayMotion® CPR feedIN DC

(UV resistant, direct-burial; incl. EMC variants and higher CPR class if required)



## AC POWER: PCS to transformer / LV distribution / grid



### BayEnergy® 0.6/1 kV - 1.8/3 kV power cables

(CU or AL, CPR up to B2ca)

### BayMotion® Flex Power + and Power Soil

(flexible, installation-friendly)



## EMC / converter environment (PCS)



### BayMotion® CPR feedIN DC EMC

(UV resistant, direct-burial; incl. concentric conductor and higher CPR class if required)

### BayMotion® nonfire soilblack

(UV resistant, direct-burial; incl. EMC variants if required)



## Controls & communications (BMS/EMS/SCADA)



### BayCom® fibre optics

(indoor/universal/outdoor + accessories)

### VOKA-LAN Cat 6A-8.2

(bandwidth + CPR/FRNC as needed)



## Safety: Fire & Gas / E-Stop / doors



### VOKA-LAN Cat 6A-8.2

(bandwidth + CPR/FRNC as needed)

### Low frequency data cables

(EMC variants if required)



## Grounding & accessories



### BayEnergy® grounding conductors

Indoor/Outdoor, flexible and/or anti-theft design

### BayEnergy® and Baykaplus accessories

(lugs/connectors, patch cords/connectors/pigtails, ...)



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