



K-BATTERY BQ-F 5+2

Description : Power supply cable for Electric Vehicle Conductive Charging System, Flexible to very low temperatures, High resistance to abrasion, tearing, oil, grease, and chemical substances.

Design:



Construction : Flexible bare copper conductors according to CEI 20-29 Class 5 and DIN-VDE 0295 K5
 Insulation in rubber compound EPR type E16 according to DIN VDE 0282, part 1
 Power conductors with colour code according HD 308 - Single Control cores Black/White and Red.
 Cores twisted together with PP fillers
 Nonwoven tape
 Outer sheath in polyurethane-compound TPU according to DIN VDE 0282, part 10, annex A

Manufacturing's Controls: Test and Control according to our certificated **ISO 9001-2015 CSQ-IMQ (EQ-NET)** Quality System procedure.
 Labor tests reports are stored in our internal Q.C. laboratory archive together with the production reports

Norms : According to VDE-AR-E 2283-5
 Oil Resistant according EN 60811-2-1
 Halogen-free according to IEC 60754-1 (amount of halogen acid gas) Corrosiveness of combustion gases according to IEC 60754-2 (degree of acidity)
 The cable is conform to Low Voltage Directive (LVD) 2014/35/EU CE

Technical dates :

- Nominal voltage : 450/750V
- Spark Test voltage : 4000 V
- Working temperature: Flexing: -40°C to +90°C
 Fixed installation: -50°C to +90°C
- Minimum bending radius : For flexible use: 12.5 x outer Ø
 Fixed installation: 4 x outer Ø

Use : This cable has to be used in Electric Vehicle Conductive Charging System.
 The insulation and jacket compounds provide long term reliable service in the harshest environments, superior durability in heavy use applications and in extreme cold temperatures. In dry, humid or moist situations, outdoors
 Suitable for use at very low temperature environments.