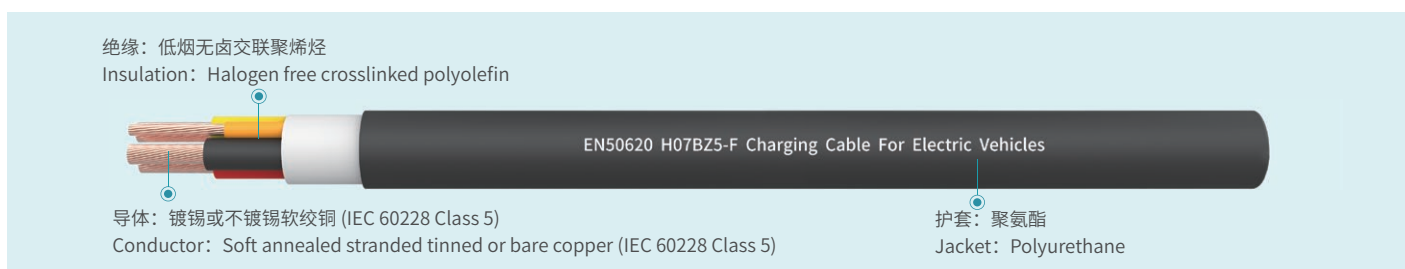


# H07BZ5-F 充电电缆

## H07BZ5-F Charging Cable



### 产品优点 Advantages:

- 安装便捷，最小弯曲半径  $6 \times OD$  (静态)  
Easy installation with a minimum bending radius of (Static)  $6 \times OD$
- 耐高低温、耐油、耐酸碱、耐水  
Resistant to high/low temperatures, oil, acids, alkalis, and water
- 抗开裂、抗紫外线  
Resistance against cracking, UV
- 屏蔽设计减少电磁干扰  
Shielded design reduces electromagnetic interference (EMI)
- 所有材料符合 RoHS2.0 环保标准  
All materials comply with RoHS 2.0 environmental standards

### 性能 Properties:

- 成品电缆耐电压：AC 2.5KV 5min, 不击穿  
Voltage test of finished cable: AC 2.5KV 5min, No break
- 额定电压：AC450/750V  
Rating voltage: AC450/750V
- 工作温度：-40°C ~90°C  
Working temperature: -40°C ~90°C
- 绝缘颜色：蓝色、棕色、黑色、灰色、黄绿色  
Insulation Color: Blue, Brown, Black, Gray, Yellow-green
- 护套颜色：黑色或者定制  
Jacket Color: Black or Customized

### 应用 Application:

- 主要用于传输电能，实现电动汽车的充电功能。它不仅传输电能，还负责传输一些控制信号和数据信号，确保充电过程的控制和安全。  
The charging cable is mainly used for transmitting electrical energy to realize the charging function of electric vehicles. It not only transmits electrical energy but also takes charge of transmitting some control signals and data signals, ensuring the control and safety of the charging process.

线材规格 Style of the cable (mm <sup>2</sup> )	额定电流 Rated Current (mm)	绝缘厚度 Insulation Thickness(mm)	护套厚度 Jacket Thickness(mm)	无屏蔽电缆外径 Non-shieldld Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C (Ω/km)	重量 Weight (kg/km)
3x1.5mm <sup>2</sup> +(0~10)x(0.5~1.0)	10	0.7	1.0	9.2~11.8	≤ 13.3	182~242
3x2.5mm <sup>2</sup> +(0~10)x(0.5~1.0)	16	0.7	1.0	10.1~13.2	≤ 7.98	173~252
3x4mm <sup>2</sup> +(0~10)x(0.5~1.0)	20	0.7	1.1	12.1~15.5	≤ 4.95	251~354
3x6mm <sup>2</sup> +(0~10)x(0.5~1.0)	32	0.7	1.2	13.7~17.5	≤ 3.3	342~472
3x10mm <sup>2</sup> +(0~10)x(0.5~1.0)	40	0.7	1.4	16.3~20.8	≤ 1.91	537~720
5x2.5mm <sup>2</sup> +(0~10)x(0.5~1.0)	16	0.7	1.2	12.9~16.5	≤ 7.98	286~403
5x4mm <sup>2</sup> +(0~10)x(0.5~1.0)	20	0.7	1.3	14.9~19.1	≤ 4.95	398~555
5x6mm <sup>2</sup> +(0~10)x(0.5~1.0)	32	0.7	1.4	16.9~21.7	≤ 3.3	545~748
5x10mm <sup>2</sup> +(0~10)x(0.5~1.0)	40	0.7	1.5	20.3~25.9	≤ 1.91	870~1154
5x16mm <sup>2</sup> +(0~10)x(0.5~1.0)	63	0.7	1.7	24.2~31.0	≤ 1.21	1326~1738
5x25mm <sup>2</sup> +(0~10)x(0.5~1.0)	80	0.9	2.0	30.2~38.7	≤ 0.78	2063~2707
5x35mm <sup>2</sup> +(0~10)x(0.5~1.0)	125	0.9	2.3	35.6~45.5	≤ 0.554	2887~3769