

PRODUCT DESCRIPTION 产品描述

ES-RYJ-125/H09Z-F 900VDC 125°C 电力储能系统用电池连接电缆

储能电缆应用于直流系统，额定电压为DC900V及以下，最高耐温等级为125°C

应用于移动储能电站、储能示范电站、风电储能系统、调峰储能系统等领域的电池间连接、电池与逆变器间连接、BMS连接等

Reference Standard 执行标准: PPP 58049, IEC 60332.1, CQC 1143

Schematic diagram of cable structure 电缆结构示意图



Features 性能:

Temperature Range: 额定温度
-40°C to +125°C

Working voltage: 额定工作电压
DC 900V

Flame retardant: 阻燃标准
IEC 60332.1

Test voltage: 测试电压
1500V

Minimum Bending Radius: 弯曲
半径
10X O.D.

Construction 结构描述:

符合IEC60228-5 裸铜绞合导体结构
Class 5 stranded copper per IEC60228-5

交联无卤阻燃芯线绝缘
XLPO insulation

规格 Size	导体 Conductor			绝缘 Insulation			印字 Mark
	类别 Standard	导体结构 Stranding (No/mm)	材质 Material	材质 Material	完成外径 Nominal OD(mm)	公差 tolerance (mm)	
H09Z-F 4mm ²	IEC60228-5	56/0.30	CU/铜	XLPO	4	±0.3	CE H09Z-F 4mm ² 90°C DC900V ANYTE
H09Z-F 6mm ²	IEC60228-5	84/0.30	CU/铜	XLPO	5.2	±0.3	CE H09Z-F 6mm ² 90°C DC900V ANYTE
H09Z-F 10mm ²	IEC60228-5	84/0.40	CU/铜	XLPO	6.4	±0.3	CE H09Z-F 10mm ² 90°C DC900V ANYTE
H09Z-F 16mm ²	IEC60228-5	126/0.40	CU/铜	XLPO	7.4	±0.3	CE H09Z-F 16mm ² 90°C DC900V ANYTE
H09Z-F 25mm ²	IEC60228-5	196/0.40	CU/铜	XLPO	9.5	±0.3	CE H09Z-F 25mm ² 90°C DC900V ANYTE
H09Z-F 35mm ²	IEC60228-5	276/0.40	CU/铜	XLPO	11.4	±0.3	CE H09Z-F 35mm ² 90°C DC900V ANYTE
H09Z-F 50mm ²	IEC60228-5	396/0.40	CU/铜	XLPO	12.6	±0.3	CE H09Z-F 50mm ² 90°C DC900V ANYTE
H09Z-F 70mm ²	IEC60228-5	360/0.50	CU/铜	XLPO	14.7	±0.3	CE H09Z-F 70mm ² 90°C DC900V ANYTE
H09Z-F 95mm ²	IEC60228-5	475/0.50	CU/铜	XLPO	17.6	±0.5	CE H09Z-F 95mm ² 90°C DC900V ANYTE
H09Z-F 120mm ²	IEC60228-5	608/0.50	CU/铜	XLPO	19.2	±0.5	CE H09Z-F 120mm ² 90°C DC900V ANYTE
H09Z-F 150mm ²	IEC60228-5	764/0.50	CU/铜	XLPO	21.4	±0.5	CE H09Z-F 150mm ² 90°C DC900V ANYTE
H09Z-F 185mm ²	IEC60228-5	925/0.50	CU/铜	XLPO	24.8	±0.5	CE H09Z-F 185mm ² 90°C DC900V ANYTE
H09Z-F 240mm ²	IEC60228-5	1220/0.50	CU/铜	XLPO	26.9	±0.5	CE H09Z-F 240mm ² 90°C DC900V ANYTE