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JOCA 玖开集团

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INTELLIGENT POWER TECHNOLOGY

JOCA 玖开集团

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无锡玖开线缆科技集团有限公司

Wuxi JOCA Cable Technology Group Co., Ltd.

BATTERY CABLE FOR
ELECTRIC ENERGY STORAGE SYSTEM

BROCHURE

电力储能系统用电池连接电缆
产品说明书

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无锡玖开线缆科技集团有限公司

Wuxi JOCA Cable Technology Group Co., Ltd.



关于玖开

年产能 **60**亿元 | 总资产约 **25**亿元 | 占地面积约 **20万**㎡ | 员工人数 **1000**余人

玖开集团始创于2007年，总部位于中国线缆产业高地——江苏宜兴，是以线缆科技创新为核心引擎的国家高新技术企业，年产能达60亿元，公司总占地面积近20万㎡，员工1000多名。其中中高级职称占15%，总资产约25亿元。集团聚焦智能电力传输、新能源互联及高端工业线缆领域的研发、智造、服务于一体的全球化产业布局，致力于为全球新能源转型、智能电网建设、智能装备制造、新基建、工业自动化等提供高性能、高可靠、低碳化的线缆系统解决方案。

智造布局 硬核实力

集团构建三大专业化智能制造基地：无锡玖开线缆科技集团有限公司深耕35kV及以下中、低压电力电缆、屏蔽电缆、架空导线、布电线，巩固铝合金电缆、新能源光、风、储线缆等优势产品；玖开特种线缆（上海）有限公司是专注高端工业特种线缆集成、光伏电缆、工业机器人柔性电缆、新能源汽车电缆、充电桩与储能线缆的技术领军者；玖安卡（江苏）智能电力科技有限公司主攻220kV及以下电缆附件研发、生产及安装服务一体化，实现超高压领域国产化技术替代。集团具有强大的研发实力和精益生产能力，形成覆盖全场景的线缆产业链。

科技引领 标准先行

拥有德国莱茵TÜV授权实验室、国家CNAS实验室（检测数据全球互认）及省防火电缆工程技术研究中心、“江苏精品”、“先进智能工厂”、“绿色工厂”，并取得专利证书109项，其中发明专利超20项，主导参与10余项国家、行业及团体标准制定。通过ISO 9001/14001/45001等六大管理体系认证及欧盟CE、美国UL、日本S-JET、加拿大CUL、澳标SAA、德国DEKRA等国际认证。荣获国家级专精特新“小巨人”、中国机械工业500强、中国线缆最具竞争力百强、2024年中国光伏首选品牌、2025年中国电线电缆十大创新标杆企业、四星上云企业、省质量信用3A、双A两化融合企业等权威荣誉。

产品赋能 全球服务

集团与国家电网、南方电网、国电投等五大六小能源央国企、中铁、中核、中建等形成长期战略合作。产品广泛应用于港珠澳大桥、国家军事博物馆、重庆江北机场T3航站楼、哈尔滨高铁站、吾悦广场、上海张江集成电路工程 、中东长春集团、江苏科隆新能源锂电项目、特高压盐城润元~台南220kV线路改造工程并出口一带一路沿线及欧美几十个国家和地区，包括巴基斯坦卡拉奇光伏电站、韩国KDM1PO公司灵光郡光伏电站、以色列电力公司、匈牙利Tiszafured光伏电站。

连接未来 共创价值

玖开集团以“创新、高品质、可持续”为动力，坚持以客户为中心、市场为导向，积极落实“双碳”战略与智能电网建设，持续深化绿色发展与智改数转网联，携手合作伙伴共筑可持续发展的新能源生态，矢志成为线缆行业创新标杆。

ABOUT US

Annual capacity **60** trillion yuan | Assets approximately **25** trillion yuan | Cover area **20** ten thousand m² | Number of employees **1000** more people

JOCA Group was founded in 2007 and is headquartered in Yixing, Jiangsu—a hub of China's cable industry. As a national high-tech enterprise driven by innovation in cable technology, the Group boasts an annual production capacity of 6 billion RMB, with a total area of nearly 200,000 m² and over 1,000 employees. Among them, 15% hold intermediate or senior professional titles, and total assets amount to approximately 2.5 billion RMB. The Group focuses on R&D, intelligent manufacturing, and services in smart power transmission, new energy interconnection, and high-end industrial cables, committed to providing high-performance, reliable, and low-carbon cable system solutions for global energy transition, smart grid construction, intelligent equipment manufacturing, new infrastructure, and industrial automation.

Intelligent Manufacturing with Strong Capabilities

The Group operates three specialized smart manufacturing bases:Wuxi JOCA Cable Technology Group Co., Ltd. specializes in 35kV and below medium/low-voltage power cables, shielded cables, overhead conductors, and building wires, reinforcing its leading position in aluminum alloy cables and new energy cables for solar, wind, and energy storage.JOCA Special Cable (Shanghai) Co., Ltd. is a technology leader in high-end industrial cables, PV cables, flexible cables for industrial robots, EV cables, and charging pile/energy storage cables.Jiuanka (Jiangsu) Intelligent Power Technology Co., Ltd. focuses on integrated R&D, production, and installation services for 220kV and below cable accessories, achieving domestic technological substitution in ultra-high voltage fields.With strong R&D and lean production capabilities, the Group has built a comprehensive cable industry chain covering all scenarios.

Technology Leadership & Standards Development

The Group owns a TÜV Rheinland-authorized lab, a CNAS-accredited national lab (globally recognized test data), and a provincial fire-resistant cable engineering research center. Recognized as "Jiangsu Premium," "Advanced Smart Factory," and "Green Factory," it holds 109 patents, including over 20 inventions, and leads or participates in more than 10 national, industry, and association standards. Certifications include ISO 9001/14001/45001, EU CE, US UL, Japan S-JET, Canada CUL, Australia SAA, and Germany DEKRA. Honors include National "Little Giant" SME, Top 500 China Machinery Industry, Top 100 Competitive Cable Enterprises, 2024 China PV Preferred Brand, 2025 China Wire & Cable Top 10 Innovation Leaders, 4-Star Cloud Enterprise, AAA Provincial Quality Credit, and AA-level Integration of Industrialization and Informatization.

Empowering Products & Global Service:

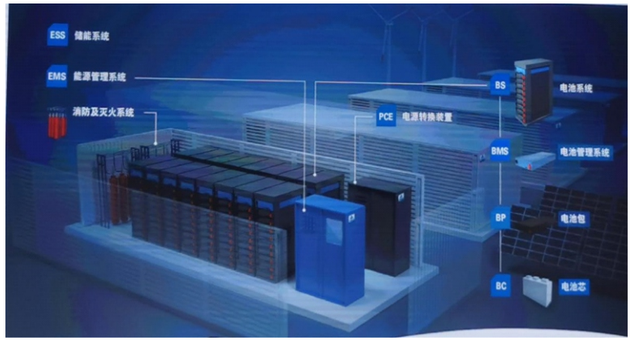
The Group maintains long-term partnerships with State Grid, China Southern Power Grid, SPIC, and other state-owned energy giants, as well as China Railway, CNNC, and CSCEC. Its products are widely used in:Landmarks: Hong Kong-Zhuhai-Macao Bridge, National Military Museum, Chongqing Jiangbei Airport T3, Harbin High-Speed Rail Station, Wuyue Plaza.Projects: Shanghai Zhangjiang IC Engineering, Middle East Changchun Group, Jiangsu Kelong New Energy Lithium Project, 220kV Yanrun-Tainan UHV Line Upgrade.Global Exports: Pakistan Karachi PV Plant, South Korea KDM1PO Gwangju PV Plant, Israel Electric Corporation, Hungary Tiszafured PV Station, and other Belt & Road and Europe and America markets.

Connecting the Future & Creating Value

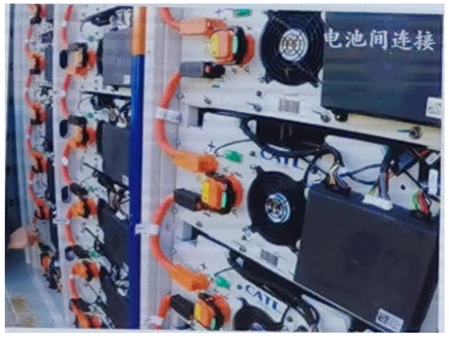
Driven by innovation, high quality, and sustainability, JOCA Group adheres to customer-centric and market-oriented principles, actively implements "dual-carbon" strategies and smart grid development, and advances green transformation with intelligent, digital, and networked upgrades. Together with partners, it aims to build a sustainable new energy ecosystem and become an innovation benchmark in the cable industry.

电力储能系统用电池连接电缆

Battery Cable for Electric Energy Storage System



电力储能系统
Electric energy storage system



电池间连接
Connection between batteries



电池组间连接
Connection between battery packs



电池组到汇流箱的连接
Connection of battery pack to combiner box



铜排连接
Connection between copper bars

产品标准 PRODUCT STANDARD

本产品按CQC1143 & PPP58049A
《电力储能系统用电池连接电缆》标准生产。
The product is manufactured according to CQC1143 & PPP58049A "Battery Cable for Electric Energy Storage System" standard.

适用范围 RANGE OF APPLICATION

本产品适用于电力储能系统中直流侧的电池模块之间、电池簇之间、电池簇与汇流箱或电池簇与储能变流器之间的连接之用。
This product is suitable for the connection between battery modules, between the battery clusters, between battery cluster and combiner box or between battery cluster and energy storage converter on DC-side in the electric energy storage system.

使用特性 USAGE CHARACTERISTIC

额定电压：DC 900V和DC1500V
Rated Voltage: DC 900V and DC1500V
电缆导体的允许长期最高工作温度：
Maximum permissible continuous operating temperature of the conductor:

绝缘材料 Insulation Material	温度 Temperature（℃）	
	导体最高连续工作温度 Maximum Continuous Operating Temperatureof Conductor	使用环境最低温度 Minimum Operating Temperature
V-90	+90	-20
YJ-125	+125	-40

电缆敷设时环境温度应不低于0℃
The ambient temperature should not be less than 0℃ during cable laying
电缆弯曲半径：
Bending Radius of cable：
无护套电缆……≥5D
Unsheathed Cable ……≥5D
其他电缆……≥6D
Other Cable ……≥6D
（D-电缆外径 OD of Cable）

代号及其含义 Code Name and Its Meaning

CQC1143型号命名方式：CQC1143 Naming Way

代号 CodeName	含义 Meaning
产品系列代号 Product Series Code	
ES	电力储能系统用 For electrical energy storage system
导体代号及含义 Conductor Codeand Meaning	
R	第 5 种或第 6 种导体 The class 5 or class 6 conductor
绝缘和护套材料代号及含义 Codeand Meaning of Insulating and Sheathing Material	
V-90	耐热 90℃聚氯乙烯混合物绝缘/护套 Heatresistant 90℃ PVC blend insulation/sheath
YJ-125	低烟无卤阻燃耐热 125℃交联聚烯烃绝缘/护套 LSZH, flameretardant, heatresistant125℃

	XLPE insulation/sheath
温度等级代号及含义	Temperature Class Code and Meaning
90	正常运行时，电缆导体最高允许工作温度为 90°C In normal operation, the maximum permissible operating temperature of the conductor is 90°C
125	正常运行时，电缆导体最高允许工作温度为 125°C In normal operation, the maximum permissible operating temperature of the conductor is 125°C

PPP 58049A 型号命名方式：PPP 58049A Naming Way

代号 Code	Name 含义 Meaning
产品系列代号 Product Series Code	
ES	电力储能系统用 For electrical energy storage system
电压等级 Voltage	
H09	DC 900V
H15	DC 1500V
绝缘和护套材料代号及含义 Code and Meaning of Insulating and Sheathing Material	
V	耐热 90°C聚氯乙烯混合物绝缘/护套 Heat resistant 90°C PVC blend insulation/sheath
Z	低烟无卤阻燃耐热 125°C交联聚烯烃绝缘/护套 LSZH, flame retardant heat resistant 125°C XLPE insulation/sheath
导体代号及含义 Conductor Code and Meaning	
F	The class 5 conductor
H	The class 6 conductor

电缆的型号、名称 Cable and Name

型号 Type		名称 Name
CQC1143	PPP 58049A	
ES-RV-90	ES-H09V-F/H	耐热 90°C聚氯乙烯绝缘电力储能系统用电池连接无护套电缆 Heat resistant 90°C PVC insulated unsheathed battery cable for electrical energy storage system
ES-RVV-90	ES-H09VV-F/H	耐热 90°C聚氯乙烯绝缘电力储能系统用电池连接护套电缆 Heat resistant 90°C PVC insulated sheathed battery cable for electrical energy storage system
ES-YJ-125	ES-H09Z-F/H ES-H15Z-F/H	耐热 125°C低烟无卤阻燃交联聚烯烃绝缘电力储能系统用电池连接无护套电缆 LSZH, heat-resistant 125°C, flame-retardant, XLPE insulated unsheathed battery cable for electrical energy storage system
ES-RYJYJ-125	ES-H09ZZ-F/H ES-H15ZZ-F/H	耐热 125°C低烟无卤阻燃交联聚烯烃绝缘电力储能系统用电池连接护套电缆 LSZH, heat-resistant 125°C, flame-retardant, XLPE insulated sheathed battery cable for electrical energy storage system

生产范围 Range of Production

型号 Type		额定电压 V Rated Voltage	芯数 Number of Cores	导体标称截面 mm² Nominal Cross Section of Conductor
CQC1143	PPP 58049A			
ES-RV-90	ES-H09V-F/H	DC 900	1	4-240
ES-RVV-90	ES-H09VV-F/H			
ES-YJ-125	ES-H09Z-F/H ES-H15Z-F/H	DC 900 DC 1500	1	4-240
ES-RYJYJ-125	ES-H09ZZ-F/H ES-H15ZZ-F/H			

电缆结构尺寸 Structural Dimension

ES-RV-90 DC900V 耐热90°C聚氯乙烯绝缘电力储能系统用电池连接无护套电缆
ES-H09V-F/H DC900V Heat resistant 90°C PVC insulated unsheathed battery cable for electrical energy storage system

标称截面 Nominal Cross-Section mm²	导体种类 Class of Conductor	绝缘厚度 Insulation Thickness mm	平均外径上限 Upper Limit of Average Outside Diameter mm	电缆参考重量 Cable Reference Weight kg/km	20°C导体最大直流电阻 Max. DC Resistance of Conductor(20°C) Ω/km	
					不镀金属 Non Electroplating	镀金属 Electroplating
4	5	1.0	5.20	48	4.95	5.09
4	6	1.0	5.20	51	4.95	5.09
6	5	1.0	5.80	68	3.30	3.39
6	6	1.0	5.80	73	3.30	3.39
10	5	1.0	6.80	113	1.91	1.95
10	6	1.0	6.80	112	1.91	1.95
16	5	1.0	8.10	167	1.21	1.24
16	6	1.0	8.10	166	1.21	1.24
25	5	1.2	10.20	255	0.780	0.795
25	6	1.2	10.20	265	0.780	0.795

35	5	1.2	11.70	347	0.554	0.565
35	6	1.2	11.70	351	0.554	0.565
50	5	1.4	13.90	493	0.386	0.393
50	6	1.4	13.90	498	0.386	0.393
70	5	1.4	16.00	686	0.272	0.277
70	6	1.4	16.00	713	0.272	0.277
95	5	1.6	18.20	931	0.206	0.210
95	6	1.6	18.20	951	0.206	0.210
120	5	1.6	20.20	1160	0.161	0.164
120	6	1.6	20.20	1143	0.161	0.164
150	5	1.8	22.50	1445	0.129	0.132
150	6	1.8	22.50	1425	0.129	0.132
185	5	2.0	24.90	1776	0.106	0.108
185	6	2.0	24.90	1763	0.106	0.108
240	5	2.2	28.40	2301	0.0801	0.0817

ES-YJ-125 DC 900V 耐热 125°C低烟无卤阻燃交联聚烯烃绝缘电力储能系统用电池连接无护套电缆
ES-H09Z-F/H DC 900V LSZH heat-resistant 125°C flame-retardant, XLPE insulated unsheathed battery cable for electrical energy storage system

标称截面 Nominal Cross-Section mm^2	导体种类 Class of Conductor	绝缘厚度 Insulation Thickness mm	平均外径上限 Upper Limit of Average Outside Diameter mm	电缆参考重量 Cable Reference Weight kg/km	20°C导体最大直流电阻 Max. DC Resistance of Conductor(20 °C) Ω/km	
					不镀金属 Non Electroplating	镀金属 Electroplating
4	5	0.7	4.5	42	4.95	5.09
4	6	0.7	4.5	45	4.95	5.09
6	5	0.7	5.1	60	3.30	3.39
6	6	0.7	5.1	66	3.30	3.39
10	5	0.7	6.1	104	1.91	1.95
10	6	0.7	6.1	104	1.91	1.95
16	5	0.7	7.4	157	1.21	1.24
16	6	0.7	7.4	156	1.21	1.24
25	5	0.9	9.5	242	0.780	0.795
25	6	0.9	9.5	252	0.780	0.795
35	5	0.9	11.0	332	0.554	0.565
35	6	0.9	11.0	336	0.554	0.565
50	5	1.0	13.0	469	0.386	0.393
50	6	1.0	13.0	475	0.386	0.393
70	5	1.1	15.3	666	0.272	0.277
70	6	1.1	15.3	693	0.272	0.277
95	5	1.1	17.1	891	0.206	0.210
95	6	1.1	17.1	913	0.206	0.210
120	5	1.2	19.3	1124	0.161	0.164
120	6	1.2	19.3	1108	0.161	0.164
150	5	1.4	21.6	1406	0.129	0.132
150	6	1.4	21.6	1385	0.129	0.132
185	5	1.6	24.0	1733	0.106	0.108
185	6	1.6	24.0	1720	0.106	0.108
240	5	1.7	27.3	2239	0.0801	0.0817
240	6	1.7	27.3	2208	0.0801	0.0817

核心价值观：拼搏、创新、坚持、进取 *企 业 使 命：编制信赖、传递爱* *企 业 愿 景：打造中国线缆行业引擎企业*

ES-YJ-125 DC 1500V 耐热 125°C低烟无卤阻燃交联聚烯烃绝缘电力储能系统用电池连接无护套电缆
ES-H15Z-F/H DC 1500V LSZH heat-resistant 125°C, flame-retardant, XLPE insulated unsheathed battery cable for electrical energy storage system

标称截面 Nominal Cross-Section mm^2	导体种类 Class of Conductor	绝缘厚度 Insulation Thickness mm	平均外径上限 Upper Limit of Average Outside Diameter mm	电缆参考重量 Cable Reference Weight kg/km	20°C导体最大直流电阻 Max. DC Resistance of Conductor(20 °C) Ω/km	
					不镀金属 Non Electropl ating	镀金属 Electroplating
4	5	0.8	4.8	44	4.95	5.09
4	6	0.8	4.8	47	4.95	5.09
6	5	0.8	5.3	63	3.30	3.39
6	6	0.8	5.3	68	3.30	3.39
10	5	1.0	6.8	113	1.91	1.95
10	6	1.0	6.8	112	1.91	1.95
16	5	1.1	8.4	171	1.21	1.24
16	6	1.1	8.4	170	1.21	1.24
25	5	1.3	10.4	259	0.780	0.795
25	6	1.3	10.4	269	0.780	0.795
35	5	1.3	11.9	352	0.554	0.565
35	6	1.3	11.9	356	0.554	0.565
50	5	1.5	14.2	500	0.386	0.393
50	6	1.5	14.2	504	0.386	0.393
70	5	1.5	16.2	693	0.272	0.277
70	6	1.5	16.2	720	0.272	0.277
95	5	1.5	18.0	923	0.206	0.210
95	6	1.5	18.0	943	0.206	0.210
120	5	1.5	20.0	1151	0.161	0.164
120	6	1.5	20.0	1134	0.161	0.164
150	5	1.7	22.3	1435	0.129	0.132
150	6	1.7	22.3	1415	0.129	0.132

185	5	1.9	24.7	1765	0.106	0.108
185	6	1.9	24.7	1752	0.106	0.108
240	5	2.0	28.0	2276	0.0801	0.0817
240	6	2.0	28.0	2276	0.0801	0.0817

ES-RVV-90 DC900V 耐热 90°C聚氯乙烯绝缘电力储能系统用电池连接护套电缆
ES-H09VV-F/H DC900V Heat-resistant 90°C PVC insulated sheathed battery cable for electrical energy storage system

标称截面 Nominal cross-section mm^2	导体种类 Class of Conductor	绝缘厚度 Insulation Thickness mm	护套厚度 Sheath Thickness mm	平均外径上限 Upper Limit of Average Outside Diameter mm	电缆参考重量 Cable Reference Weight kg/km	20°C导体最大直流电阻 Max. DC Resistance of Conductor(20°C) Ω/km	
						不镀金属 Non Electrop lating	镀金属 Electropl ating
4	5	1.0	0.7	6.8	65	4.95	5.09
4	6	1.0	0.7	6.8	69	4.95	5.09
6	5	1.0	0.7	7.4	88	3.30	3.39
6	6	1.0	0.7	7.4	94	3.30	3.39
10	5	1.0	0.7	8.5	138	1.91	1.95
10	6	1.0	0.7	8.5	136	1.91	1.95
16	5	1.0	0.7	9.8	195	1.21	1.24
16	6	1.0	0.7	9.8	194	1.21	1.24
25	5	1.2	0.8	12.0	294	0.780	0.795
25	6	1.2	0.8	12.0	303	0.780	0.795
35	5	1.2	0.8	13.6	391	0.554	0.565
35	6	1.2	0.8	13.6	394	0.554	0.565
50	5	1.4	0.8	15.9	547	0.386	0.393
50	6	1.4	0.8	15.9	549	0.386	0.393
70	5	1.4	0.9	18.0	754	0.272	0.277
70	6	1.4	0.9	18.0	779	0.272	0.277

95	5	1.6	0.9	20.3	1010	0.206	0.210
95	6	1.6	0.9	20.3	1027	0.206	0.210
120	5	1.6	0.9	22.4	1248	0.161	0.164
120	6	1.6	0.9	22.4	1228	0. 161	0.164
150	5	1.8	1.0	24.8	1551	0.129	0.132
150	6	1.8	1.0	24.8	1530	0.129	0.132
185	5	2.0	1.0	27.3	1890	0. 106	0.108
185	6	2.0	1.0	27.3	1880	0. 106	0.108
240	5	2.2	1.1	30.9	2445	0.0801	0.0817
240	6	2.2	1.1	30.9	2416	0. 0801	0.0817

ES-RYJYJ-125 DC 900V 耐热 125°C低烟无卤阻燃交联聚烯烃绝缘电力储能系统用电池连接护套电缆
ES-H09ZZ-F/H DC 900V LSZH, heat-resistant 125°C, flame-retardant, XLPE insulated sheathed battery cable for electrical energy storage system

标称截面 Nominal cross-section mm²	导体种类 Class of Conductor	绝缘厚度 Insulation Thickness mm	护套厚度 Sheath Thickness mm	平均外径上限 Upper Limit of Average Outside Diameter mm	电缆参考重量 Cable Reference Weight kg/km	20℃导体最大直流电阻 Max. DC Resistance of Conductor(20℃) Ω/km	
						不镀金属 Non Electroplating	镀金属 Electroplating
4	5	1.0	0.7	6.8	65	4.95	5.09
4	6	1.0	0.7	6.8	69	4.95	5.09
6	5	1.0	0.7	7.4	88	3.30	3.39
6	6	1.0	0.7	7.4	94	3.30	3.39
10	5	1.0	0.7	8.5	138	1.91	1.95
10	6	1.0	0.7	8.5	136	1.91	1.95
16	5	1.0	0.7	9.8	195	1.21	1.24
16	6	1.0	0.7	9.8	194	1.21	1.24
25	5	1.2	0.8	12.0	294	0.780	0.795
25	6	1.2	0.8	12.0	303	0.780	0.795

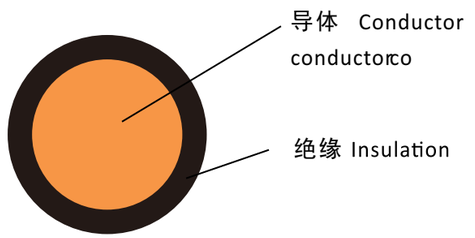
35	5	1.2	0.8	13.6	391	0.554	0.565
35	6	1.2	0.8	13.6	394	0.554	0.565
50	5	1.4	0.8	15.9	547	0.386	0.393
50	6	1.4	0.8	15.9	549	0.386	0.393
70	5	1.4	0.9	18.0	754	0.272	0.277
70	6	1.4	0.9	18.0	779	0.272	0.277
95	5	1.6	0.9	20.3	1010	0.206	0.210
95	6	1.6	0.9	20.3	1027	0.206	0.210
120	5	1.6	0.9	22.4	1248	0.161	0.164
120	6	1.6	0.9	22.4	1228	0. 161	0.164
150	5	1.8	1.0	24.8	1551	0.129	0.132
150	6	1.8	1.0	24.8	1530	0.129	0.132
185	5	2.0	1.0	27.3	1890	0. 106	0.108
185	6	2.0	1.0	27.3	1880	0. 106	0.108
240	5	2.2	1.1	30.9	2445	0.0801	0.0817
240	6	2.2	1.1	30.9	2416	0. 0801	0.0817

ES-RYJYJ-125 DC 1500V 耐热 125°C低烟无卤阻燃交联聚烯烃绝缘电力储能系统用电池连接护套电缆
ES-H15ZZ-F/H DC 1500V LSZH, Heat-resistant 125°C, flame-retardant, XLPE insulated sheathed battery cable for electrical energy storage system

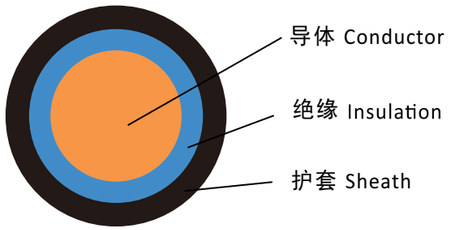
标称截面 Nominal cross-section mm²	导体种类 Class of Conductor	绝缘厚度 Insulation Thickness mm	护套厚度 Sheath Thickness mm	平均外径上限 Upper Limit of Average Outside Diameter mm	电缆参考重量 Cable Reference Weight kg/km	20℃导体最大直流电阻 Max. DC Resistance of Conductor(20℃) Ω/km	
						不镀金属 Non Electroplating	镀金属 Electroplating
4	5	0.8	0.7	6.3	60	4.95	5.09
4	6	0.8	0.7	6.3	64	4.95	5.09
6	5	0.8	0.7	6.9	83	3.30	3.39
6	6	0.8	0.7	6.9	88	3.30	3.39

10	5	1.0	0.7	8.5	137	1.91	1.95
10	6	1.0	0.7	8.5	137	1.91	1.95
16	5	1.1	0.7	10.1	201	1.21	1.24
16	6	1.1	0.7	10.1	200	1.21	1.24
25	5	1.3	0.8	12.2	301	0.780	0.795
25	6	1.3	0.8	12.2	310	0.780	0.795
35	5	1.3	0.8	13.8	399	0.554	0.565
35	6	1.3	0.8	13.8	402	0.554	0.565
50	5	1.5	0.8	16.1	557	0.386	0.393
50	6	1.5	0.8	16.1	558	0.386	0.393
70	5	1.5	0.9	18.3	765	0.272	0.277
70	6	1.5	0.9	18.3	790	0.272	0.277
95	5	1.5	0.9	20. 1	1005	0.206	0.210
95	6	1.5	0.9	20. 1	1022	0.206	0.210
120	5	1.5	0.9	22.1	1242	0.161	0.164
120	6	1.5	0.9	22.1	1222	0. 161	0.164
150	5	1.7	1.0	24.6	1546	0.129	0.132
150	6	1.7	1.0	24.6	1525	0.129	0.132
185	5	1.9	1.0	27.1	1884	0. 106	0.108
185	6	1.9	1.0	27.1	1875	0. 106	0.108
240	5	2.0	1.1	30.5	2426	0.0801	0.0817
240	6	2.0	1.1	30.5	2396	0.0801	0.0817

产品结构示意图 SCHEMATIC DIAGRAM OF PRODUCT STRUCTURE



ES-RV-90、ES-RYJ-125
ES-H09V-F/H、ES-H09Z-F/H、ES-H15Z-F/H



ES-RV-90、ES-RYJ-125
ES-H09VV-F/H、ES-H09ZZ-F/H、ES-H15ZZ-F/H

电缆载流量 Current Carrying Capacity of Cable

导体标称截面积（mm²） NominalCross-Section	载流量（敷设在空气中） A Current Carrying Capacity(In air)
4	43
6	55
10	79
16	105
25	138
35	169
50	211
70	269
95	328
120	391
150	459
185	527
240	639

注：环境温度45℃ Note: Ambient temperature 45℃

不同环境温度下载流量修正系数：

Current Carrying Rating Factors for Different Ambient Air Temperature:

环境温度（℃） AmbientTemperature	修正系数 Rating factor
35	1.11
45	1.00
55	0.88
65	0.75
75	0.58
85	0.33

工程实例

Project example

传世界 SPREAD TO THE WORLD



- 宁夏中卫腾格里沙溪新能源基地储能电站



- 内蒙古能源集团磴口电储新能源100MW40万kwh储能项

创未来 CREATE THE FUTURE



- 国能韩城100MW复合光伏发电项目



玖开愿与您一起携手合作，
共创未来！

qunxing is willing to collaborate with you and create the future together.