

LONG CABLE SET SPECIFICATIONS



DATASHEET

BYD Long Cables

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1. PART LIST

No.	Name	Description	Quantity	Unit	Cutting line length	Remark
А	Wire	EV 25MM2 798/0.2 -40~125°C 1500V 0D:10mm	2	PCS	13*1538*15	AMG
В	Terminal	R type bare terminal KST:RNBS22-10	2	PCS		KST
С	Conn	Amphenol Black Female C10-730186-100	1	PCS		Customer supply
D	Conn	Amphenol Red Female C10-730186-200	1	PCS		Customer supply
Е	Casing	Black heat shrinkable sleeve D12.0mm L=25mm	3	PCS		LT
F	Casing	Red heat shrinkable sleeve D12.0mm L=25mm	1	PCS		LT
G	Bag	Self sealing PE bag 0.05mm*L200mm*W200mm punch	4	PCS		BLH
Н	Wire	CAT. 5e S-FTP 24AWG*4P (STR) OD:5. 8MM	1	PCS		
I	Cable Ties	White nylon east cable line W3. 0*L150mm	4	PCS		ST
J	Crystal head	RJ45-8P8C transparent water area headband iron seal gold plated FU	1	PCS		
K	Stock	Black PVC Compound 45P	7	G		
L	Wire	Yellow-green ground wire 10mm2 1500V	1	PCS		
М	Terminal	R type bare terminal D6.4mm KST:RNBS10-6	2	PCS		

2. TECHNICAL REQUIREMENTS

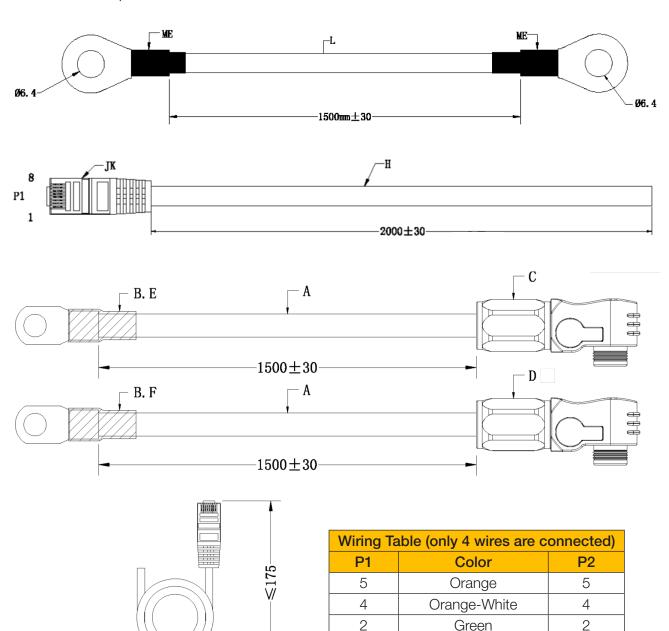
- 1. The plugs and terminals should not be deformed, the surface should be free from damage, burrs and sharp corners, and the coating should be uniform without stacking and blank peeling;
- 2. The connection between the terminal and the wire should be firm, without dislocation, open circuit, short circuit, and the conduction yield is 100%;
- 3. It should not be damaged and disengaged under the specified tensile force, and its tensile force value should not be less than: the tensile force of the wire cross-sectional area of 6AWG is greater than 500N;
- 4. The terminal is crimped with special tools, and the crimping tension and section need to be inspected for the first time. Refer to the standard "QC/T 29106-2014 Technical Conditions for Automotive Low-Voltage Wire Harness";



- 5. Other requirements refer to the standard "QCT 29106-2014 Technical Conditions for Automotive Low-Voltage Wiring Harness";
- 6. The cable withstand voltage test is connected to 600V AC voltage, and the leakage current is less than or equal to 5mA;
- 7. All materials must comply with ROHS requirements.
- 8. All materials need to meet UL standards;

3. COMPONENTS DIMENSIONS

All dimensions presented are in mm.



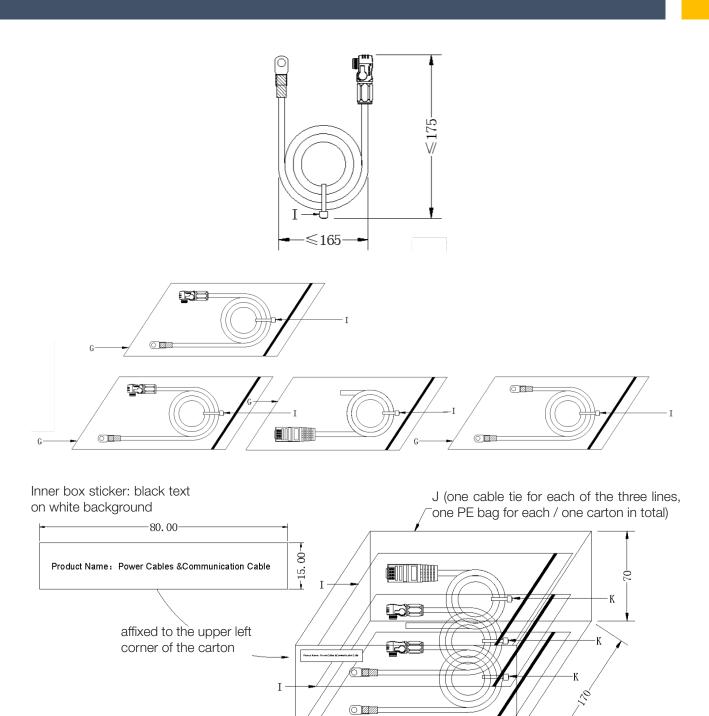
1

-≤165-**-**

1

Green-White





-180

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Audio Training manuals on Apple Pod Cast and Spotify.
Full training support, manuals and videos on www.sunsynk.com





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