



CERTIFICATE NUMBER 21-2153557-PDA
EFFECTIVE DATE 19-November-2021
EXPIRATION DATE 18-November-2026
ABS TECHNICAL OFFICE CN Shanghai ESD

CERTIFICATE OF Product Design Assessment

This is to certify that a representative of this Bureau did, at the request of

ANHUI TIANKANG (GROUP) SHARES CO., LTD

located at

**NO. 20 SOUTH RENHE ROAD, TIANCHANG, ANHUI, TIANCHANG,
CHINA**

assess design plans and data for the below listed product. This assessment is a representation by the Bureau as to the degree of compliance the design exhibits with applicable sections of the Rules. This assessment does not waive unit certification or classification procedures required by ABS Rules for products to be installed in ABS classed vessels or facilities. This certificate, by itself, does not reflect that the product is Type Approved. The scope and limitations of this assessment are detailed on the pages attached to this certificate.

Product Cable, Power

Model CJ Series and CE Series

This Product Design Assessment (PDA) Certificate remains valid until 3 August 2026 or until the Rules and/or Standards used in the assessment are revised or until there is a design modification warranting design reassessment (whichever occurs first).

Acceptance of product is limited to the "Intended Service" details prescribed in the certificate and as per applicable Rules and Standards.

This Certificate is valid for installation of the listed product on ABS units which exist or are under contract for construction on or previous to the effective date of the ABS Rules and standards applied at the time of PDA issuance. Use of the Product for non-ABS units is subject to agreement between the manufacturer and intended client.

American Bureau of Shipping

Bin-Hong Wang, Director

NOTE: This certificate evidences compliance with one or more of the Rules, Guides, standards or other criteria of ABS or a statutory, industrial or manufacturer's standards. It is issued solely for the use of ABS, its committees, its clients or other authorized entities. Any significant changes to the aforementioned product without approval from ABS will result in this certificate becoming null and void. This certificate is governed by ABS Rules 1-1-A3/5.9 Terms and Conditions of the Request for Product Type Approval and Agreement

DA Certificate No.: 21-2153557-PDA
Entry Date: 19 November 2021
Expire Date: 18 November 2026
 (subject to the condition stated on the DA Certificate)
Name of Manufacturer: Anhui Tiankang (Group) Shares Co., Ltd.
Address: No.20 South Renhe Road,
City: Tianchang,
Zip: 239300
Country: P. R. China
Telephone: 0550-7308843
Fax: 0550-7308931
Email: xmxia-0929@163.com
Contact Person: Mr. Xia, Xi-ming
Product: Cable, Power
Model: CJ Series, CE Series

Model	Description
CJ86/SC/NC:	XLPE insulated extruded inner covering tinned copper wire braided armored PO outer sheathed shipboard power cable
CJ96/SC/NC:	XLPE insulated extruded inner covering galvanized steel wire braided armored PO outer sheathed shipboard power cable
CJ85/SC/NC:	XLPE insulated extruded inner covering tinned copper wire braided armored cross-linked PO outer sheathed shipboard power cable
CJ95/SC/NC:	XLPE insulated extruded inner covering galvanized steel wire braided armored cross-linked PO outer sheathed shipboard power cable
CJPJ/SC/NC:	XLPE insulated cross-linked PO outer sheathed shipboard power cable
CJPJ85/SC/NC:	XLPE insulated cross-linked PO inner sheathed tinned copper wire braided armored cross-linked PO outer sheathed shipboard power cable
CJPJ95/SC/NC:	XLPE insulated cross-linked PO inner sheathed galvanized steel wire braided armored cross-linked PO outer sheathed shipboard power cable
CJPJ80/SC/NC:	XLPE insulated cross-linked PO inner sheathed tinned copper wire braided armored shipboard power cable
CJPJ90/SC/NC:	XLPE insulated cross-linked PO inner sheathed galvanized steel wire braided armored shipboard power cable
CJPF/SC/NC:	XLPE insulated PO outer sheath shipboard power cable
CJPF86/SC/NC:	XLPE insulated PO inner sheathed tinned copper wire braided armored PO outer sheathed shipboard power cable
CJPF96/SC/NC:	XLPE insulated PO inner sheathed galvanized steel wire braided armored PO outer sheathed shipboard power cable

CJPF80/SC/NC:	XLPE insulated PO inner sheath tinned copper wire braided armored shipboard power cable
CJPF90/SC/NC:	XLPE insulated PO inner sheath galvanized steel wire braided armored shipboard power cable
CEPF/SC/NC:	EPR Insulated PO sheathed shipboard power cable
CEPF86/SC/NC:	EPR Insulated PO inner sheathed copper wire braided armored PO outer sheathed shipboard power cable
CEPF96/SC/NC:	EPR Insulated PO inner sheathed steel wire braided armored PO outer sheathed shipboard power cable
CEPF80/SC/NC:	EPR Insulated PO inner sheathed tinned copper wire braided armored shipboard power cable
CEPF90/SC/NC:	EPR Insulated PO inner sheathed galvanized steel wire braided armored shipboard power cable
CEPJ/SC/NC:	EPR Insulated cross-linked PO inner sheathed shipboard power cable
CEPJ85/SC/NC:	EPR Insulated cross-linked PO inner sheathed copper wire braided armored cross-linked PO outer sheathed shipboard power cable
CEPJ95/SC/NC:	EPR Insulated cross-linked PO inner sheathed galvanized steel wire braided armored cross-linked PO outer sheathed shipboard power cable
CEPJ80/SC/NC:	EPR Insulated cross-linked PO inner sheathed tinned copper wire braided armored shipboard power cable
CEPJ90/SC/NC:	EPR insulated chloroprene rubber sheathed shipboard power cable
CEF/SA/NA:	EPR Insulated cross-linked PO inner sheathed tinned copper wire braided armored shipboard power cable
Type SA:	Bunched cable flame retardant, comply with IEC60332-1(2004), IEC60332-3.A(2009);
Type NA:	Fire resistant cable, comply with IEC60332-1(2004), IEC60332-3.A(2009), IEC60331-1(2009), IEC60331-2(2009);
Type SC:	Halogen-free low-smoke bunched flame retardant cable, comply with IEC60332-1(2004), IEC60332-3.A(2009), IEC 60754-1/2(2001), IEC61034(2005);
Type NC:	Halogen-free low-smoke fire resistant cable, comply with IEC60332-1(2004), IEC60332-3.A(2009), IEC 60754-1/2(2001), IEC61034(2005), IEC60331-1(2009), IEC60331-2(2009);



**Design Assessment (DA) Certification
Attachment for Listing**

DA Cert. No.: 21-2153557-PDA

No. of Cores	Nominal Cross Section mm ²
1	1,1.5,2.5,4,6,10,16,25,35,50,70,95,120,150,185,240
2	1,1.5,2.5,4,6,10,16,25,35,50,70,95,120
3	1,1.5,2.5,4,6,10,16,25,35,50,70,95,120,150,185
4,5,7,10,12,14,16,19,24,27,30,33,37	1,1.5,2.5