



HENG TONG GROUP OVERVIEW



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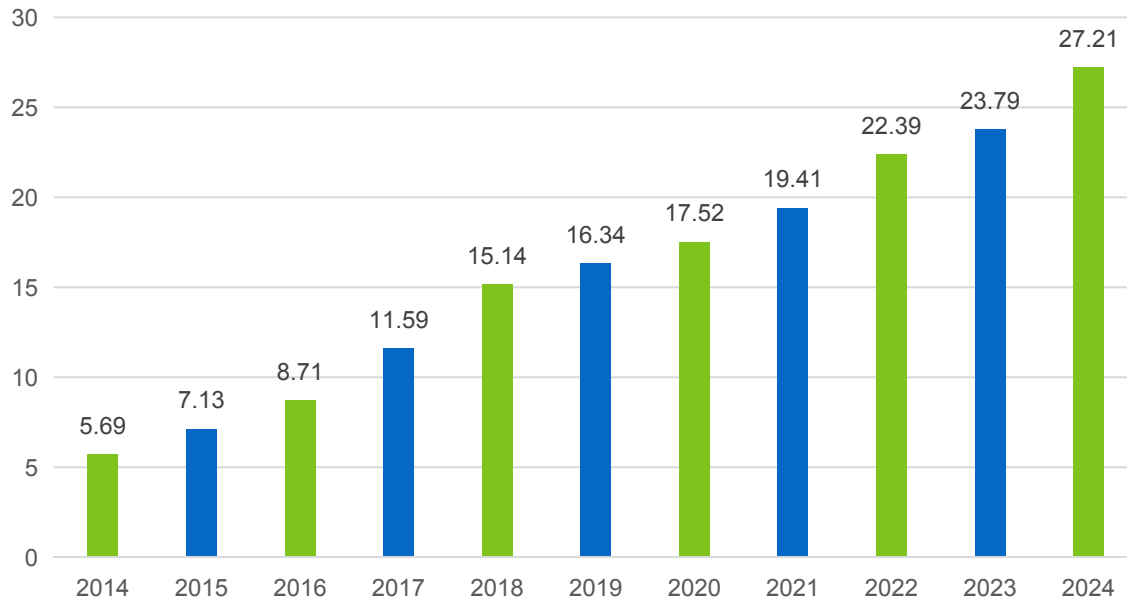
Company Overview

- Hengtong was found in **1991**
- Hengtong is dedicated to Optical Communication Networks, Power Networks, IoT, Clean Energy, and New Materials
- Hengtong integrates optical and power network and provides network service
- **70+** subsidiaries (including **5** listed companies)
- **12** Industrial companies in **9** countries (excluding China)
- Top **3** in optical fiber communication (by CRU)
- Top **3** in high voltage and marine electric power engineering



Company Overview

Total revenue of the company (USD: in billion)



156

Top 500 Enterprises in China

47

Top 500 Private Enterprises in China

20,000

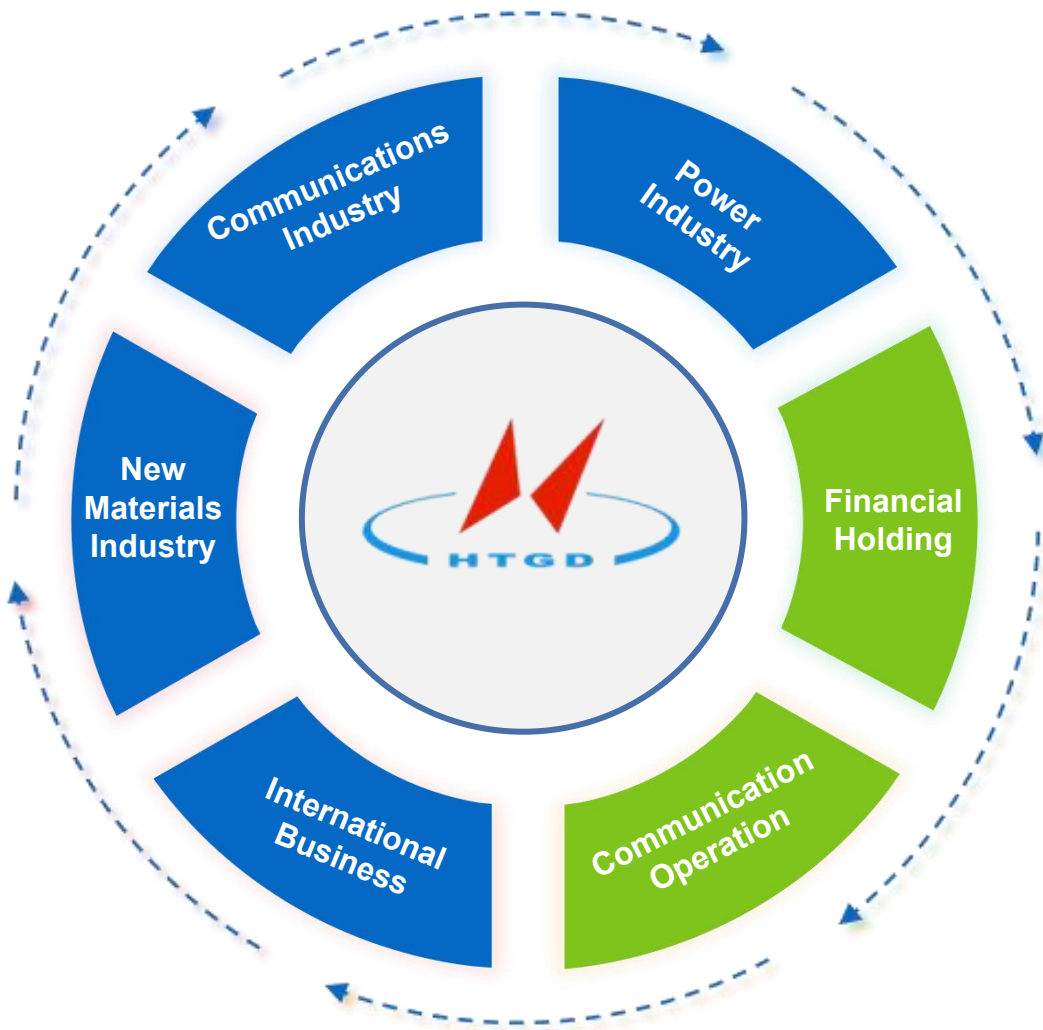
Employees worldwide

4,000+

Overseas employees

Company Overview

Structure of the Group



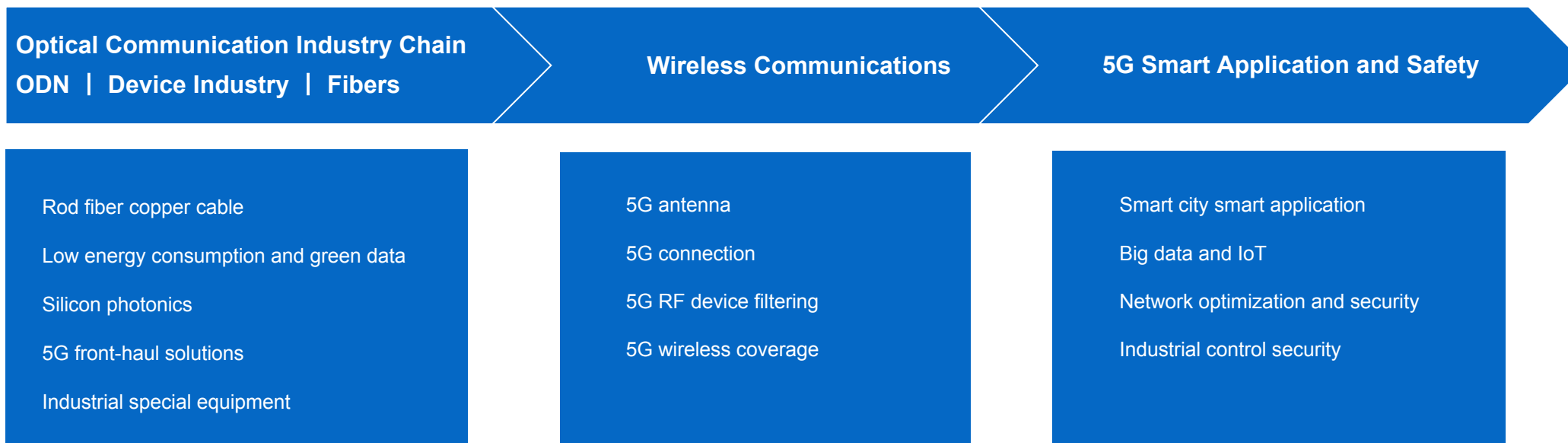
Company Overview



Company Overview

Communications—Serving major operators, equipment producers, fields like marine communications, IoT, big data, etc.)

A world leading integrated service provider across the communications industry value chain

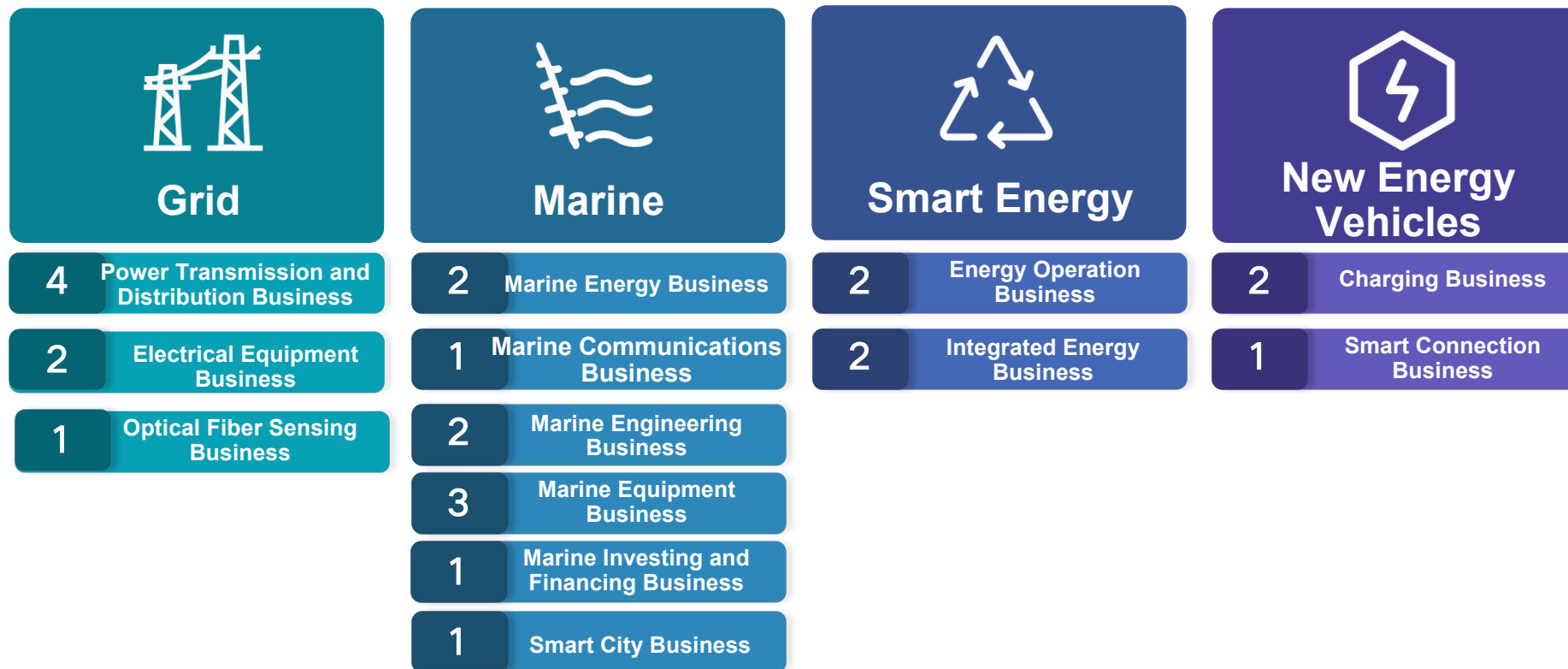


- With the world's leading optical fiber communications industry chain (optical preform-fiber-cable-device-network), Hengtong has become an integrated service provider in the entire value chain;
- Hengtong has developed core technologies independently, which include optical fiber preforms, optical fiber drawing, semiconductor quartz devices, 100G/400G silicon optical chips and modules, ultra-large length submarine cable technology, ocean observation network, and optical fiber sensing.

Company Overview

Power—Smart grid, marine energy, energy internet, marine communication, smart integrated energy, new materials and other fields

Service provider for global energy interconnection system solutions



- Hengtong develops high-end products. It provides complete solutions and engineering turnkey contracting to its clients, transforming from a product supplier to a system integration service provider. Hengtong is extending towards the fields of marine power engineering, and providing advanced energy interconnection system solutions to the world.
- Hengtong's core technologies are: ultra-high voltage submarine cables and accessories, smart grid technology, heat storage/electricity, offshore wind power system integration, electric vehicle formation and charging equipment, etc.

Company Overview

New Materials

Titanium alloys, copper alloys, aluminum alloys, precision copper foils, polymer materials R&D

Hengtong develops new materials and aims to build a world-class industrial cluster

Titanium alloys



Copper alloys



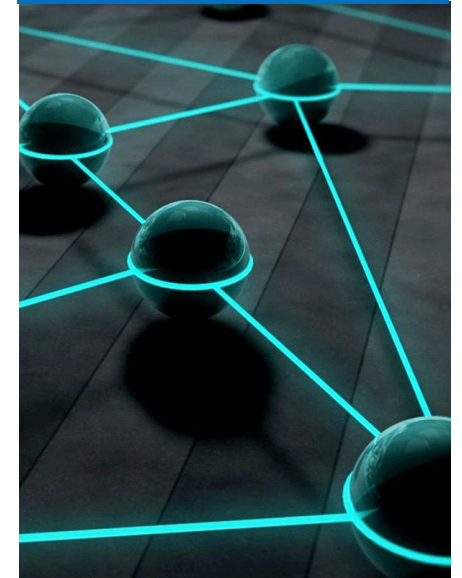
Aluminum alloys



New energy copper foil



Composite material



Power Cable Introduction

- 1、High Voltage Underground Cable
- 2、Medium and Low Voltage Power cable
- 3、Overhead Line Conductor and OPGW



High Voltage Underground Cable



**Copper Wire + Aluminium
Foil Laminated Sheath**



Smooth Aluminium Sheath



Lead Sheath



**Corrugated
Aluminium Sheath**



**Corrugated
Copper Sheath**

The cable's metal sheath is engineered to:

- Provide a capacitive return path for the cable
- Facilitate fault current return
- Ensure earth potential for human safety
- Protect the cable insulation by offering moisture barriers and sealing gaps with Water Blocking Tape, where applicable
- Enhance protection with Water Tape Ablation

High Voltage Underground Cable

Type	Rated Voltage	Number of Conductor Core	Cross-Sectional Area	Materials
Underground Cable	10kV-35kV	1	50mm ² -800mm ²	Conductor Materials: CU, Al Conductor Structures: Round, Milliken Insulation: XLPE, PP (110kV) Metal Sheath: APL, CU(Al) Wire, LEAD, SAS, CAS, CCS Outer Sheath: PE, PVC, LSOH, NYLON
	66kV-132kV	1	120mm ² -2500mm ²	
	150kV-220kV	1	185mm ² -3500mm ²	
	275kV/330kV	1	300mm ² -3500mm ²	
	400/500kV	1	630mm ² -3500mm ²	

HENG TONG's underground cable quality adheres to international standards:

1. IEC60840, IEC62067, HD632, CIGRE TB* Standard, EN Standard, IEC60332, VDE;**

2. IEEE575, AEIC CS9-15, ICEAS-108-720;

Also with the flexibility to customize products to meet the specific standards of different countries

High Voltage Underground Cable

Type	Rated Voltage	Cross-Sectional Area	Monthly Production Capacity (KM)	Annual Production Capacity (KM)
Underground Cable	10kV-35kV	3*50mm ² -3*630mm ²	60	720
	66kV-132kV	1*300mm ² -1*3500mm ²	105	1260
	150kV-220kV	1*400mm ² -1*3500mm ²	60	720
	330kV-500kV	1*630mm ² -1*3500mm ²	45	540
	Total		260	3240

High Voltage Underground Cable

HENG TONG adheres to stringent standards and has successfully conducted a wide range of **type tests** and **prequalification tests** for HV cables across various rated voltages. All tests have been verified and certified by reputable third-party certification bodies, including KEMA, DEKRA etc..

KEMA Labs

No.	ID No.	Type	Rated voltage	Specification	Conductor size	Conductor material	Submarine cable	Underground cable
1	CEPRI-EETC08-2017-2021	AC	500kV	HYQ71-F 290/500kV 1*1800+2*1281	1*1800	Copper	✓	
2	CEPRI-EETC08-2021-2003(E)	AC	500kV	HYQ71-F 290/500kV 1*1800+2*1281	1*1800	Copper	✓	
3	CEPRI-EETC08-2021-2004(E)	AC	500kV	YJLW03-290/500kV 1*2500	1*2500	copper		✓
4	ZGT-161231-001	AC	330kV	CU/XLPE/CWS/APL/PE190/330kV 1*1600/300+2*2G651	1*1600	Copper		✓
5	CT14-3786	AC	220kV	HYQ41-F 127/220kV 1*1600+2*1281	1*1600	Copper	✓	
6	QITC2016-04A	AC	220kV	YJLW03 127/220kV 1*2500	1*2500	Copper		✓
7	HYSD014001-01	DC	200kV	DC-HYQ41-F - 200kV 1X500+2X1281	1*500	Copper	✓	✓
				DC-YJQ03-200kV 1X500	1*500	Copper		✓
8	CEPRI-EETC08-2022-2007	AC	330kV	YJLW03-Z-190/330kV	1*2500	Copper		✓

No.	ID No.	Type	Rated voltage	Specification	Conductor size	Conductor material	Tested Items										Test lab	Standard	Issued time
							Submarine cable	Underground cable	Flexible joint	Straight joint	Sectional joint	Transition joint	Repair joint	Outdoor termination	GIS termination	Manufacture factory of cable accessories			
1	EETC2016DLS463	AC	500kV	HYQ71-F 290/500kV 1*1800+2*1281	1*1800	Copper	✓									Ankura	QITC	IEC 62067; CIGRE TB490/GB/T 22078	Jan.11.2017
2	EETC2014DLS1323	AC	220kV	YJLW03 127/220kV 1*2500	1*2500	Copper	✓			✓	✓					CVG Electric Co.	QITC	GB/T 18890;IEC 62067	May.9.2014
3	EETC2014DLS1293	AC	35kV	ZC-YJV-26/35 1*630	1*630	Copper	✓	✓									QITC	GB/T 12706;GB/T 13466	July.13.2014
4	CEPRI-EETC08-2018-2018	AC	500kV	HYQ71-F 290/500kV 1*1800+2*1281	1*1800	Copper	✓			✓	✓	✓	✓	✓	✓	SHOWA-TBEA	QITC	CIGRE TB490-2012; GB/T22078-1-2008;IEC 62067	June.10.2019
5	CEPRI-EETC08-2018-2018	AC	500kV	YJLW03-290/500kV 1*2500 XLPE insulation power	1*2500	Copper		✓		✓	✓	✓		✓	✓	SHOWA-TBEA	QITC	GB/T22078-1; IEC 62067-2011	July.22.2019
6	CEPRI-EETC08-2018-2018	AC	300kV	YJLW03 290/500 1*2500 XLPE insulation power	1*2500	Copper		✓		✓	✓	✓		✓	✓	Changlan electric technology co.	QITC	IEC 62067	March.18.2022
7	CEPRI-EETC08-2018-2018	AC	330kV	YJLW03-Z 190/330 1*2500	1*2500	Copper		✓						✓	✓	Changlan electric technology co.	QITC	IEC62067-2011; GB/T18890.1-2015	May.25.2019
8	CEPRI-EETC08-2017-2021	AC	220kV	YJLW03 127/220kV 1*2500	1*2500	Copper		✓		✓	✓			✓	✓	Ankura	QITC	GB/T 18890.1-3-2015; IEC 62067-2013	December.1.2017
9	CEPRI-EETC08-2017-2021	AC	220kV	YJLW03 127/220kV 1*2500	1*2500	Copper		✓						✓	✓	Shanghai Sanyuan	QITC	IEC 62067-2011; GB/T11664-2015	March.13.2019
10	CEPRI-EETC08-2017-2021	AC	110kV	ZA-YJV03 64/110kV 1*1600	1*1600	Copper		✓									QITC	IEC60840; GB/T11617.2; GB/T15666	June.9.2020
11	CEPRI-EETC08-2015-2015	AC	35kV	ZA-YJV22-26/35 3X50	3*500	Copper		✓									QITC	GB/T 12706.3-2008; GB/T15666-2005	Sept.12.2019
12	GVY2022327694	AC	500kV	CU/XLPE/CWS/APL/PE 290/500kV 1*1800	1*1800	Copper								✓	✓	CVG Electric Co.	NOQTC	IEC62067-2011; GB/T22078-1-2015; GB/T18890.1-2015	October.31.2022
13	CT21-0554762	AC	330kV	HYQ41-F 150/330kV 1*1600	1*1600	Copper	✓			✓	✓			✓	✓	CVG Electric Co.	TICW	CIGRE TB490-2012; IEC 62067	July.12.2023
14	CT15-2231	AC	275kV	CU/XLPE/CWS/APL/HDPE160/330 1*1600	1*1600	Copper		✓						✓	✓	PFISTERER	TECW	IEC 62067	June.12.2016
15	CT14-1705	AC	220kV	HYQ41-F 127/220 kV 1*1600+2*1281	1*1600	Copper		✓		✓	✓			✓	✓	CVG Electric Co.	TECW	IEC 62067; CIGRE TB490	Oct.9.2014
16	CT11-5145	AC	220kV	HYQ41-F 127/220kV 1*1600+2*1281	1*1600	Copper		✓								Shanghai Sanyuan	TECW	Q/320518JH001	Feb.15.2012
17	CT20-04538XV1	AC	220kV	CU/XLPE/CWS/APL/HDPE1*2500	1*2500	Copper		✓		✓	✓			✓	✓	PFISTERER	TECW	IEC62067-2011	Jan.4.2021
18	CT20-04538X1	AC	220kV	CU/XLPE/CWS/APL/HDPE1*2500	1*2500	Copper		✓		✓	✓			✓	✓	PFISTERER	TECW	IEC62067-2011	Jan.4.2021
19	CT20-07274	AC	161kV	CU/XLPE/CWS/APL/HDPE1*2000	1*2000	Copper		✓						✓	✓		TICW	IEC 60840	April.23.2011
20	CT18-07322	AC	150kV	CU/XLPE/LS/PP/SWA/PP 87/150kV 1*1600+2*1281	1*1600	Copper		✓						✓	✓		TICW	CIGRE TB490-2012	Jan.31.2019
21	CT13-1101	AC	150kV	CU/XLPE/CWS/LS/HDPE 87/150 1*1300	1*1300	Copper		✓									TICW	IEC 60840	June.6.2013
22	CT19-01512	AC	132kV	AL/XLPE/CWS/APL/HDPE 1*1300	1*1300	Aluminium		✓									TECW	IEC 60840-2011	July.15.2020
23	CT17-04445	AC	110kV	HYQ41-F 64/110kV 1*1600+2*1281	1*1600	Copper		✓		✓				✓	✓	Shanghai Sanyuan	TECW	IEC60840-2011; CIGRE TB490-2012	July.13.2018
24	CT10-4009	AC	110kV	YJLW03 64/110kV 1*1600	1*1600	Copper		✓									TECW	GB/T 11617	Dec.21.2010
25	CT15-5085	AC	110kV	YJLW03 64/110kV 1*1600	1*1600	Copper		✓									TECW	GB/T 11617	Nov.25.2015
26	CT15-0189	AC	110kV	YJQ03-64/110kV 1*1000	1*1000	Copper		✓									TECW	GB/T 11617; IEC 60840	Mar.31.2015
27	CT13-0009	AC	110kV	YJLW02-64/110kV 1*500	1*500	Copper		✓									TECW	GB/T 11617	Mar.21.2013
28	CT12-1572	AC	110kV	YJLW02-64/110kV 1*240	1*240	Copper		✓									TECW	GB/T 11617	July.2.2012
29	CT19-05067	AC	110kV	CU/XLPE/LS/HDPE 1*1000	1*1000	Copper		✓									TECW	IEC 60840	Aug.9.2020
30	CT17-027850	AC	66kV	CU/XLPE/LS/HDPE 36/66kV 1*1200	1*1200	Copper		✓		✓	✓			✓	✓	Shanghai Sanyuan	TECW	IEC 60840-2011	Jan.5.2018
31	CT20-01128	AC	66kV	HYQ41-F 38/66 3X630+2X3081	3*630	Copper		✓		✓	✓					Sanyuan	TECW	CIGRE TB490-2012	Nov.12.2020
32	CT13-3709	DC	210kV	DC-HYQ41 210kV 1*500	1*500	Copper		✓		✓						Shanghai Sanyuan	TECW	TECW 7.3	Dec.11.2013
33	CT14-4228	DC	320kV	DC-YJQ03-320kV 1*1800	1*1800	Copper		✓								Changlan electric technology co.	TECW	TECW 7.2	Dec.5.2014
34	CT21-01762X1	DC	320kV	DC-HYQ41-F-320kV 1X3000+2X(1001+2013)	1*2000	Copper		✓		✓						Shanghai Sanyuan	TECW	CIGRE TB490-2012; GB/T31489.1-2015	44748
35	CT13-0490	DC	210kV	DC-YJQ03 210kV 1*1000	1*1000	Copper		✓								Shanghai Sanyuan	TECW	TECW 7.2	Oct.8.2012
36	CT12-4747	DC	160kV	DC-YJQ03-160kV 1*1000	1*1000	Copper		✓		✓						Shanghai Sanyuan	TECW	TECW 7.2	Mar.13.2013
37	CT16-35456	AC	35kV	HYQ41-F 26/35kV 3*400+2*160	3*400	Copper		✓		✓							TECW	CIGRE TB490-2012; JB/T 11617	Nov.24.2016
38	CT16-4293	AC	35kV	HYQ41-F 26/35kV 3*300+1281	3*300	Copper		✓									TECW	JB/T 11617	Aug.8.2016
39	CT11-4438-1	AC	35kV	YJV22-26/35 3*400	3*400	Copper		✓		✓							TECW	GB/T 12706	Nov.24.2011
40	CT20-05963	AC	35kV	ZA-YJV22 26/35 3X630	3*630	Copper		✓		✓							TECW	GB/T 12706.3-2020	Nov.18.2020
41	CT16-6445	AC	220kV	HYQ41-F 127/220kV 1*1600+2*1281	1*1600	Copper		✓		✓	✓			✓	✓	Ankura	TECW	IEC 62067; CIGRE TB490; GB/T 32346	Dec.9.2016
42	CT18-04072A.1	AC	180kV	AL/XLPE/CWS/APL/HDPE1*2000	1*2000	Aluminium		✓									TECW	AN/NBS 1429-12006	Sept.21.2018
43	CT16-3040	AC	200kV	ZB-YJV22 180/200 1*400	3*400	Aluminium		✓									TECW	GB/T 12706;GB/T13466	Nov.5.2016
44	CT12-3304	AC	15kV	ZA-YJV22-8.7/15kV 3*500	3*500	Copper		✓									TECW	GB/T 12706-GB/T 15666	Aug.27.2012
45	CT15-0912	AC	15kV	YJV22-8.7/15kV 3*400	3*400	Copper		✓									TECW	GB/T 12706	April.17.2015
46	CT20-08008-1	AC	10kV	ZA-YJV22-8.7/10 5X500	3*500	Copper		✓									TECW	GB/T 12706.2-2020	March.2.2021
47	CT20-08008-2	AC	10kV	ZA-YJV22-8.7/10 1X630	1*630	Copper		✓									TECW	GB/T 12706.2-2020	March.2.2021
48	CT20-08008-3	AC	10kV	ZC-YJV22-8.7/10 3X500	3*500	Copper		✓									TECW	GB/T 12706.2-2020	March.2.2021
49	CT18-04869	AC	10kV	HYQ41-F	3*400	Copper		✓									TECW	JB/T 11617-2-2011	Dec.16.2018
50	CT11-4438-2	AC	10kV	ZA-YJV-8.7/10kV 3*400	3*400	Copper		✓		✓	✓						TECW	GB/T 12706	Nov.24.2011
51	ZGT-160906-001	AC	330kV	CU/XLPE/CWS/APL/PE190/330kV 1*1600/300+2*2G651	1*1600	Copper		✓		✓	✓			✓	✓	CVG Electric Co.	ZGET	IEC 62067; GB/T 22078	Nov.9.2016
52	ZUGO-200909-003	DC	DC 335kV	DC-YJLW02-335kV 1X3000	1*3000	Copper		✓		✓	✓					CVG Electric Co.	ZGET	GB/T 31489.1-2015	March.19.2021
53	3018-16	AC	275kV	CU/XLPE/CWS/APL/HDPE160/330 1*1600	1*1600	Copper		✓		✓	✓			✓	✓	PFISTERER	TECW	IEC 62067	April.15.2016
54	3065-19	AC	230kV	CU/XLPE/LS/HDPE127/220kV 1*2500	1*2500	Copper		✓								Shanghai Sanyuan	TECW	IEC 62067	Aug.19.2019
55	3194-15	AC	220kV	CU/XLPE/LS/HDPE127/220kV 1*2500	1*2500	Copper		✓						✓	✓	CVG Electric Co.	TECW	IEC 62067	Dec.10.2015
56	3109-19	AC	220kV	CU/XLPE/LS/HDPE127/220kV 1*2500	1*2500	Copper		✓		✓	✓			✓	✓	CVG Electric Co.	TECW	IEC 62067; CIGRE TB490	Dec.10.2015
57	3053-18	AC	110kV	CU/XLPE/LS/HDPE127/220kV 1*2500	1*2500	Copper		✓						✓	✓	Shanghai Sanyuan	TECW	CIGRE TB490-2012	Nov.18.2019
58	3144-17	AC	66kV	CU/XLPE/LS/HDPE 36/66kV 1*1200	1*1200	Copper		✓		✓	✓			✓	✓	Shanghai Sanyuan	TECW	IEC 62067	Dec.18.2017
59	3128-19	AC	66kV	CU/XLPE/CWS/APL/HDPE1*1000	1*1000	Copper		✓		✓	✓			✓	✓	PFISTERER	ISFCW	IEC 60840	Jan.13.2019
60	3099-22	AC	66kV	ALTR-XLPE/LS/PP/SWA/PP 87/66kV 3*1200+2*360	3*1200	Aluminium		✓						✓	✓	Sanyuan	ISFCW	CIGRE TB490	October.16.2022
61	3094-18	AC	30kV	CU/XLPE/LS/HDPE127/220kV 1*2500	1*2500	Copper		✓						✓	✓	Shanghai Sanyuan	ISFCW	IEC60502-2; IEC60840	October.25.2018
62	3018-17	AC	220kV	HYQ41-F 127/220kV 1*1600+2*1281	1*1600	Copper		✓		✓	✓						QITC	GB/T 11617.2	Jan.16.2012
63	30129	AC	110kV	HYQ41-F 64/110kV 1*1600+2*1281	1*1600	Copper		✓									QITC	JB/T 11617	Aug.9.2017
64	301204	AC	110kV	YJLW03 64/110kV 1*1600	1*1600	Copper		✓									QITC	GB/T 11617	May.11.2012
65	301605	AC	66kV	ZA/ZS-YJLW03 50/66 1*400	1*400	Copper		✓									QITC	IEC 60840	April.13.2013
66	301205	AC	35kV	YJV22-26/35 3*400	3*400	Copper		✓									QITC	GB/T 12706	May.31.2012
67	CT1-0088-2.3	AC	100kV	CU/XLPE/CWS/LS/HDPE 87/150kV 1*1300	1*1300	Copper		✓		✓	✓						QITC	IEC 60840	Jan.26.2013
68	CT12-02448	AC	110kV	HYQ41-F 26/35 3*5*															

High Voltage Underground Cable



Conductor Drawing & Stranding

- FRIGECO Heavy Wire Drawing Machine
- Stranding machines (127, 91, 84, 61 drums)
- Compacted: Up to 2500mm²
- Circular: Up to 3000mm²
- Keystone: Up to 3000mm²
- Milliken: Up to 3500mm²



Vertical Laying-up Systems

- 180m of Vertical extrusion tower:
 - **6 VCV** ≤ 525kV Troester GmbH
 - (4 new VCV added at our Sheyang factory in 2024)
 - **2 CCV** ≤ 220kV Troester GmbH
 - **1 CCV** ≤ 66kV Troester GmbH
- MV System
- SKET System 3 x 740t Ø10m
- Large System 3 x 1.200t Ø10m



Armoring Lines

- 192 (SKET), 150 & 128 bobbins
- Up to 2-layer with Ø Wires <8mm

High Voltage Underground Cable



Continuous Lead and Sheath Extrusion Machine

The continuous lead extrusion and sheath extrusion processes are integrated, enhancing productivity, ensuring cable stability, and enabling continuous operation for up to 20 days.



Copper Wire Screen Machine

The copper wire screen is primarily used in medium voltage, high voltage, and ultra-high voltage underground power cables, as well as 'wet design' submarine cables

Longitudinally Wrapped Al-PE Laminate Foil Machine

The longitudinally wrapped Al-PE laminate foil is smooth and compact, ensuring an excellent appearance for the cables



Aluminum Sheath Machine

We operate 3 aluminum sheath production lines:

- 2 for corrugated aluminum sheath (1 welded and 1 extruded)
- 1 for smooth aluminum sheath

Medium and Low Voltage Power cable

35kV MV Power Cable



Control Cable



0.6/1kV LV Power Cable



Instrument Cable



Medium and Low Voltage Power cable

Mining Cable



OPMC & OPLC Hybrid



Wind Power Cable



Solar Cable



Medium and Low Voltage Power cable

Country/Region	Certificate list	Products
Global	EN,TUV,UL,IEC,ISO	Solar cable
USA	UL,ICEA, AWT	MV,LV cable
Europe	CE,CPR,KEMA,TUV,3A	HV,MV,LV cable
UK	BASEC,LPCB,UKCA	MV,LV cable
German	VDE	MV,LV cable
Australia	AS/NZS, Green Star, WS52W	MV,LV cable
South Africa	SABS	Full range
Indonesia	SNI	Full range
Columbia	RETIE	HV,MV,LV cable
Mexico	NOM,LAPAM	MV,LV cable
Kazakhstan,Belarus	GOST,EAC,CU-TR	MV,LV cable
Saudi Arabic	SABER	MV,LV,solar cable
Export	AEO	Full range

Medium and Low Voltage Power cable

Rated Voltage	No. of Cores	Cross-section of Conductor	Production capacity
AC 1.8/3kV, DC 1500V PV1-F H1Z2Z2-K XHHW	1C	1.5 ~ 240mm ²	From the 7 th day, 2500km per day.
AC 0.6/1kV, 1.8/3kV DC 1500V	1~5C	35 ~ 630mm ²	Single core 600km per month. & Multicore 200km per month.
6/10(12)kV 6.35/11kV	1C, 3C	25 ~ 800mm ²	Single core 1000km per month. or Multicore 300km per month.
12/20(24)kV 12.7/22(24)kV	1C, 3C	35 ~ 800mm ²	
18/30(36)kV 19/33(36) kV	1C, 3C	50 ~ 800mm ²	

Medium and Low Voltage Power cable



Production lines

From drawing to sheath extruding,
HENG TONG produced all the processes.

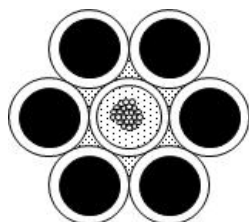
15 CCV lines

29 CCV lines (end of 2025)

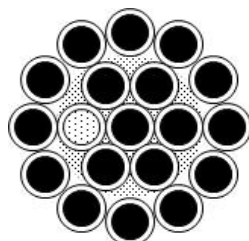


Optical fiber composite overhead ground wire(OPGW) is made of optical unit and stranded with aluminum clad steel, aluminum alloy wire or galvanized steel wire。

Typical structure:



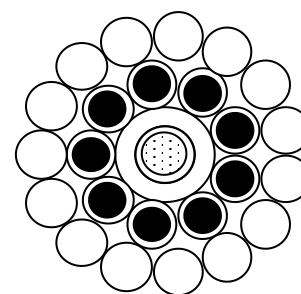
Center



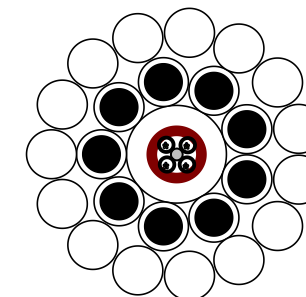
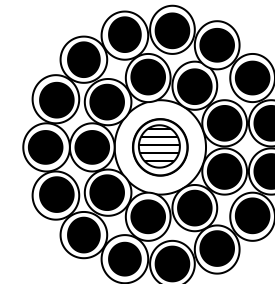
Layer-stranded

Application

- ✓ Mainly structure in domestic, it can simply design and manufacture, easy to match with the ground wire.



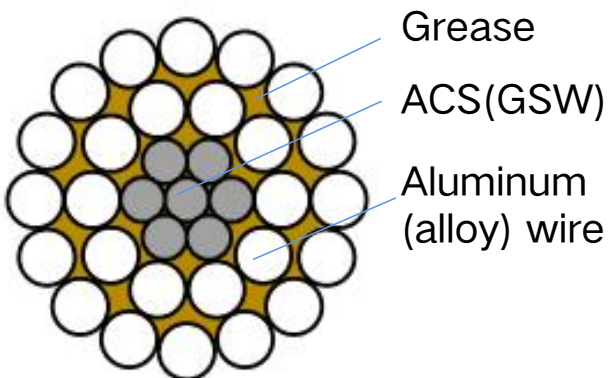
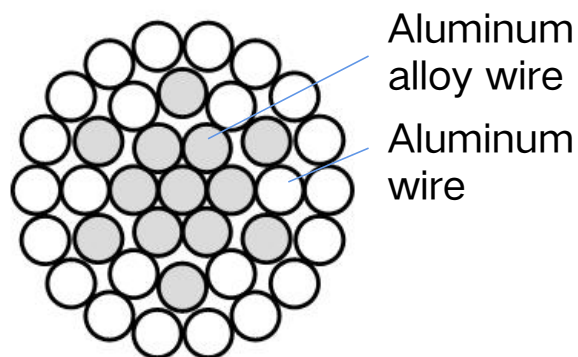
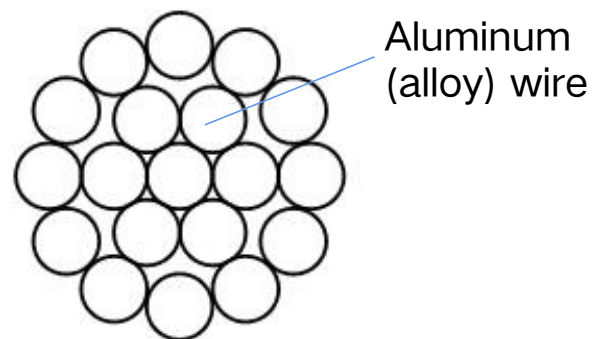
Aluminum clad stainless steel tube



Aluminum clad PBT

Application

- ✓ Mainly structure for oversea market;
- ✓ Meet high electrical performance and with excellent corrosion resistance
- ✓ Especially suitable used in coastal and heavily polluted areas



Conventional conductor

- ACSR
- AAC(AAAC)

Energy-saving conductor

- JLHA3
- ACAR
- ACSR-61.5~63%IACS
- LGJK

Augmented capacity conductor

- TAAAC
- ACSS
- GZTACSR
- LJR1/F
- INVAR

Large span conductor

- TAACSR
- TAACSR/AW

Anti-corrosion conductor

- ACSR/AW
- ACSR/Greased
- ACSR/MA

Low wind-pressure conductor

- ACSR/CW
- ACSR/TW



OHL Conductor & OPGW Capacity

Aluminum and aluminum alloy rod: 90,000 Ton/Year

Conductor: 154,000 Ton/Year

OPGW : 30,000 km/Year

Storage Capacity: 17,170 m²



OHL Conductor & OPGW Certification

- Conductor laboratory certified by CNAS

Registration NO. L7644

- EU CE certification
- EU ROHS test report
- Polish IEN certification
- RETIE certification
- KEMA reports



Global Development

— Some overseas enterprises acquired by Hengtong



Indonesia: Voksel was founded in 1971. It was listed in the Indonesian Stock Exchange in 1990. It is the main supplier of Indonesia's National Grid and Indonesia Telecom. As an old listed company in optical cable manufacturing, Voksel is strongly competitive.



South Africa: ABERDARE was founded in 1946. It is the largest manufacturer of opto-electronic cables in South Africa, with a local market share of 40%. ABERDARE supplied and provided services for all the stadiums in the 2010 World Cup. ABERDARE supplies optical cable projects to large-scale power plants constructed by the South African National Power Company



Spain : CablesCom, an old Spanish manufacturing company, was founded in 1971. CablesCom once served the first high-speed rail in Paris.



Portugal: Alcobre was founded in 1910. It focuses on power infrastructure, mining and telecommunications. The industrial segment accounts for about 74% of sales.

These companies of decades have accumulated unique advantages in quality, technology and brand. Acquiring companies overseas enables Hengtong and the factories it acquires to make their respective advantages complementary to each other. Doing so also allows Hengtong to quickly enter the local market, speed up the process of going global, and enhance the industrial chain, therefore allowing Hengtong to become more competitive.

Global Business Layout



—— Layout diagram of overseas industrial bases ——

9 Sales Companies

12 Overseas Industrial Bases

40+ Overseas Offices

150+ Global coverage

Main Customer In Europe



Italy Utility



Polish Utility



Spain Utility



Spain Utility



Spain EPC contractor



Spain EPC contractor



Spain EPC contractor



Spain EPC contractor



Spain EPC contractor



France EPC contractor



German distributor



Portugal Utility



Portugal Utility



Spain Utility



France EPC contractor



Greece Utility



Georgian Utility



Danmark Utility



Spain Utility



Portugal EPC contractor

Main Customer Overseas



Australia Utility



Brazil Utility



Argentina Utility



Rwanda Utility



Mexico
Utility



Columbia
Utility



Australia Utility



Columbia EPC contractor



Columbia Utility



Peru Utility



Uzbekistan
Utility



Chile EPC contractor



Bolivia Utility



Egypt EPC contractor



Ghana
Utility



Saudi Arabia



Oman
Utility



Peru EPC contractor



Philippine Utility



Nigeria
Utility

Green And Low Carbon

Hengtong had officailly announced the Carbon Target by 07th Jan. 2023 in Beijing
Carbon Peak by 2028, Net zero carbon by 2045



7 National Green Plants

5 National Green Supply Chain Management
Cooperations

3 National Green Designed Industrial Product
Demonstration Cooperation

13 National Green Products

7 Companies

ISO 14064 Carbon Emissions Management
System

9 Companies

ISO 50001 Energy Management System

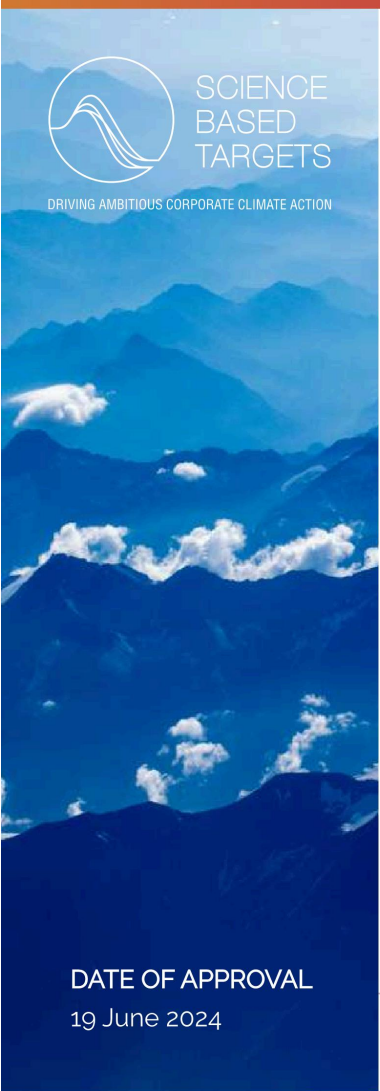
19 Types of Products

ISO 14067 Product carbon footprint

[illegible]

Evaluate the (GHG) during the whole production duration and the entire lifecycle time

Hengdong have got SBTi's carbon reduction plan and commitments



APPROVED NET-ZERO SCIENCE-BASED TARGETS



The Science Based Targets initiative has validated that the science-based greenhouse gas emissions reductions target(s) submitted by JIANGSU HENG TONG POWER CABLE CO., LTD. conform with the SBTi Corporate Net Zero Standard.

SBTi has classified your company's scope 1 and 2 target ambition as in line with a 1.5°C trajectory.

The official net-zero science-based target language:

Overall Net-Zero Target: JIANGSU HENG TONG POWER CABLE CO., LTD. commits to reach net-zero greenhouse gas emissions across the value chain by 2045.

Near-Term Targets: JIANGSU HENG TONG POWER CABLE CO., LTD. commits to reduce absolute scope 1 and 2 GHG emissions 54.6% by 2033 from a 2022 base year. JIANGSU HENG TONG POWER CABLE CO., LTD. also commits to reduce scope 3 GHG emissions from purchased goods and services, upstream and downstream transportation and distribution, use of sold products and end-of-life treatment of sold products 61.1% per million RMB value added within the same timeframe.

Long-Term Targets: JIANGSU HENG TONG POWER CABLE CO., LTD. commits to reduce absolute scope 1 and 2 GHG emissions 90% by 2045 from a 2022 base year. JIANGSU HENG TONG POWER CABLE CO., LTD. also commits to reduce absolute scope 3 GHG emissions from purchased goods and services, upstream and downstream transportation and distribution, use of sold products and end-of-life treatment of sold products 90% within the same timeframe.

Net-Zero 2045

Near Term 2022~2033

Scope 1 & 2	54.6%
Scope 3	61.1%

Long Term 2022~2045

Scope 1 & 2	90%
Scope 3	90%

Green And Low Carbon



Continuously optimize energy structure, and stably pushing the usage of Green Power



Express the green theory of energy saving and emission reduction, fulfilling social Responsibility



@hengtong group

THANK YOU!

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