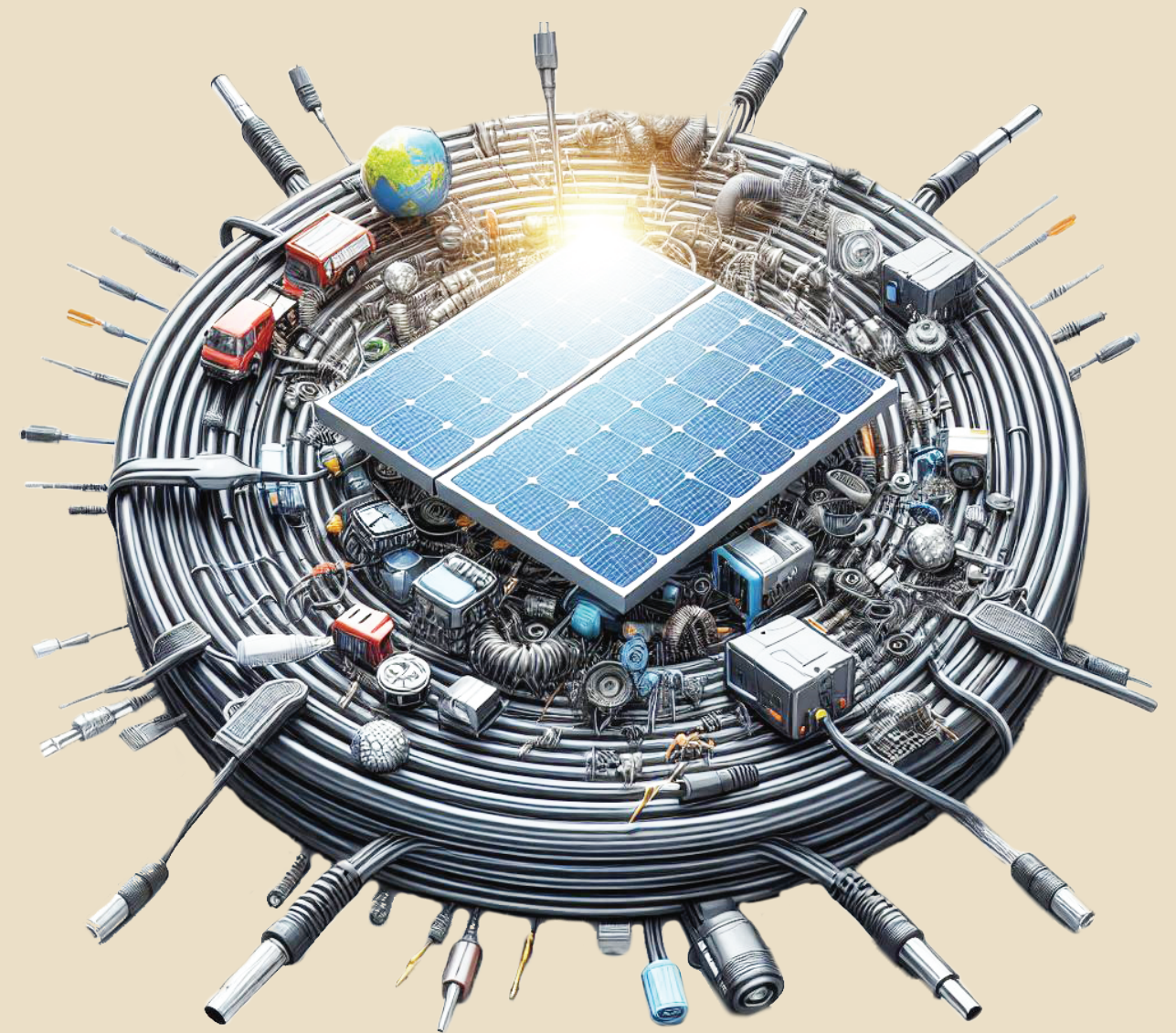
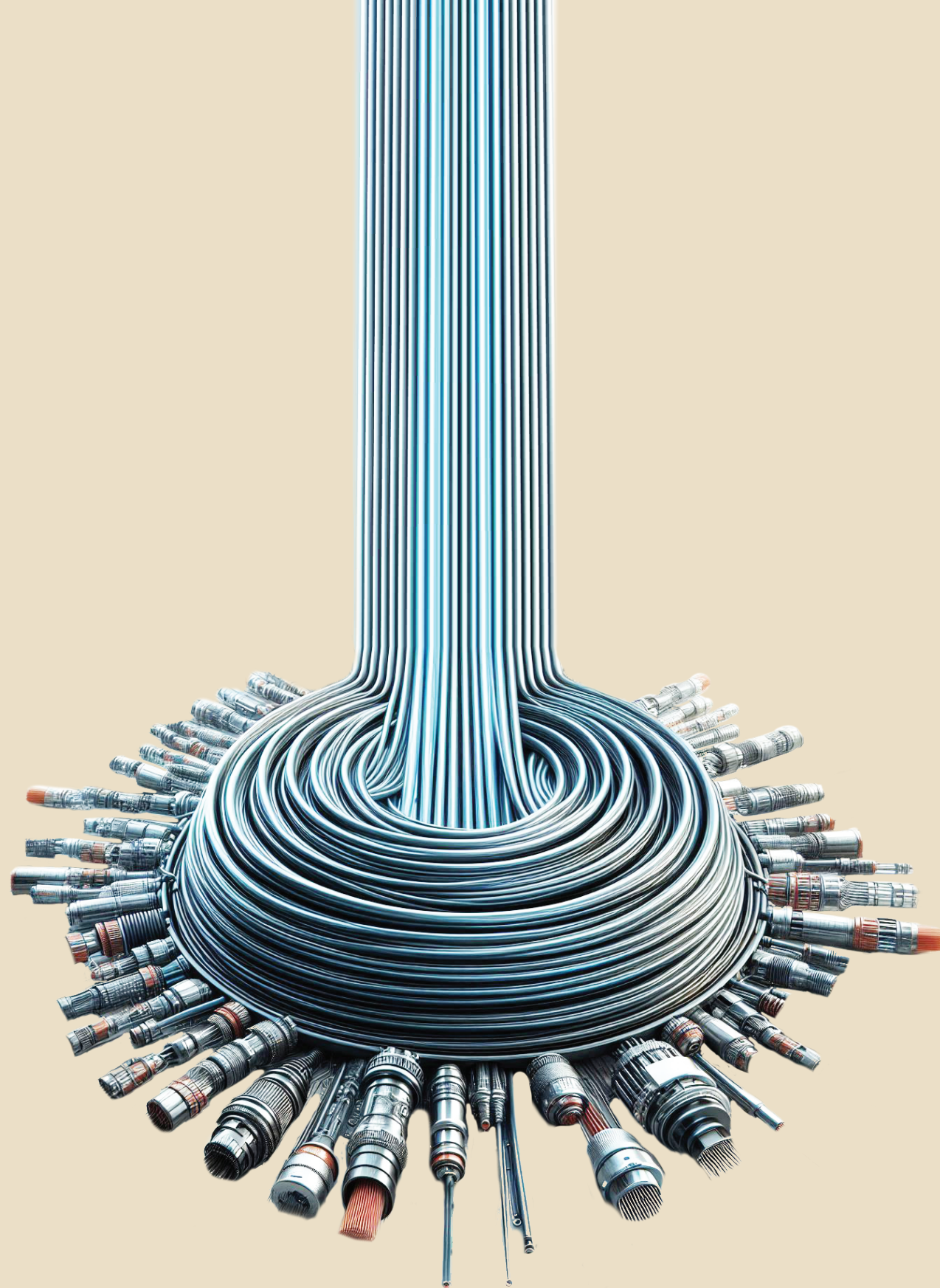




Developed in Singapore.

Expertly Manufactured in China.

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SOLAR DC CABLE

IEC 62930 1x6.0 mm² DC
1500V XLPO/XLPO

IEC 62930 1x6.0 mm² DC
1500V XLPO/XLPO

Conductor	Stranded tinned copper (IEC 60228 Class 5) 84/0.28mm (mix0.27mm max0.29mm)
Stranded OD	2.96 mm
Insulation	Halogen free crosslinked polyolefin Color: black
ID	4.6±0.15mm
Sheath	Halogen free crosslinked polyolefin Color: black/Red
OD	6.3±0.2mm
Marking	TÜV SÜD IEC62930 62930 IEC 131 1x6mm ² DC1500V HALOGEN FREE LOW SMOKE JINQI SOLAR PTE. LTD. B 132886

1x6.0 mm² SOLAR DC CABLE

Maximum resistance of conductor at 20°C	≤3.39Ω/KM
Insulation resistance at 20°C	≥610 MΩ·Km
Insulation resistance at 90°C	≥0.610 MΩ·Km
Voltage test of finished cable	AC 6 5KV 5min, No break
DC Voltage test of insulation	1800V, 240h (85°C , 10g/LNacl) No break
Tensile strength of insulation	≥8Mpa
elongation of insulation	≥125%
Tensile strength of sheath	≥8Mpa
elongation of sheath	≥125%
Shrinkage resistant	≤2%
Acid and alkali resistant	IEC60811-404
Ozone resistant	IEC60811- 403/EN50396-8.1.3
UV resistant	IEC 62930-Annex E
Dynamic penetrate force	IEC 62930-Annex D
-40°C,16h) Winding at low temperature	IEC 60811-504
-40°C, 16h) Impact at low temperature	IEC 60811-506
Fire performance	IEC60332-1-2
Cland Br Content	IEC 62930
Thermal endurance Test	IEC 60216-1,IEC 60216-2, T1120

Halogen Free Cable For Photovoltaic Equipment

Solar Application

Rating voltage	IEC：DC1500V
Working temperature	-40~90℃
Max. conductor temperature	120℃
Short circuit temperature	250℃ @ 5S
Bending radius	6×D
Life Period	≥25 years

Current Rating Ambient Temperature: 30°C

Installation Method	Free in air	On surface without opposite contact	On surface without opposite contact
Current rating	72A	69A	58A

Approval： IEC62930

