

HIS

Renewables

HISkon+ ALU

■ pre-assembled cable harnesses

Pre-assembled Copper-Aluminium
Cabling System



HISkon+ ALU

Pre-assembled Copper-Aluminium Cabling System

Reduce total DC cabling costs by up to 35% with factory-assembled copper-aluminium harnesses for utility-scale solar projects.



Integrated Copper-Aluminium Cabling Architecture

HISkon+ ALU combines factory-assembled harnesses, certified copper-aluminium connectors and HIKRA SOL ALU solar cables into a fully optimized DC cabling system for utility-scale photovoltaic projects.

- Reduced copper consumption
- Lower DC cabling costs
- Reduced logistics weight
- Factory-tested transitions
- Plug-and-play installation
- Floating PV compatible

HISkon+ ALU

■ pre-assembled cable harnesses

Factory-assembled. Plug-and-play.
Optimized for large-scale deployment.

HIS ALU



HIS CU



Technical Specifications



Rated Voltage
1500V DC



Contact Material
Copper-aluminum alloy, Tinning



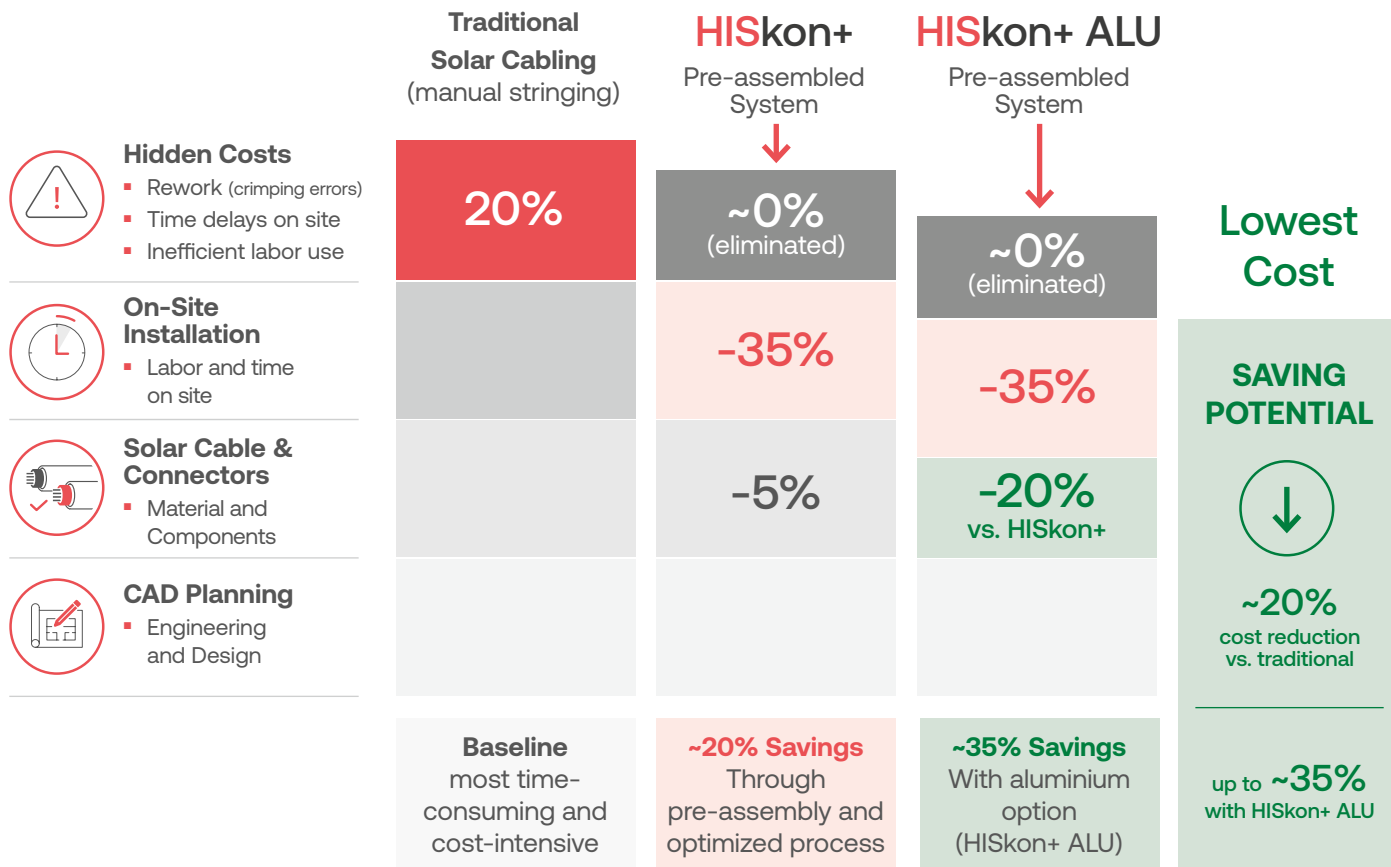
Rated Current (at 85°C)
41 A (6 mm²) / 50 A (10 mm²)



Rated Temperature
-40°C ~+85°C

HISkon+

Cost comparison (based on project experience)



HISkon+ ALU combines pre-assembled harness technology with optimized copper-aluminium architecture to reduce installation complexity, lower DC cabling costs, and accelerate deployment of utility-scale solar projects. Factory-tested plug-and-play assemblies ensure reliable performance both on land and on water.

By integrating aluminium backbone cabling, HISkon+ ALU reduces dependency on copper-intensive infrastructure, minimizing exposure to copper price volatility, supply chain constraints, and rising material costs.

Certified System Components

HIS Cu

HIS Al

HIKRA SOL ALU

PV Copper Connector

Copper-Aluminium Connector

Aluminium solar cable backbone

Other Characteristics

Rated Voltage

1500V DC

Standards

EN50618 / IEC62930 compliant

Certification

TÜV 2 PfG 2750 floating PV certification

Resistance

UV-resistant and water-resistant

Ambient temperature

-40°C ~+85°C

Expected service life

25 years

**Send us your cable layout and receive
a customized savings analysis for your next project.**

Optimized for Utility-Scale Deployment



6.5+
GW

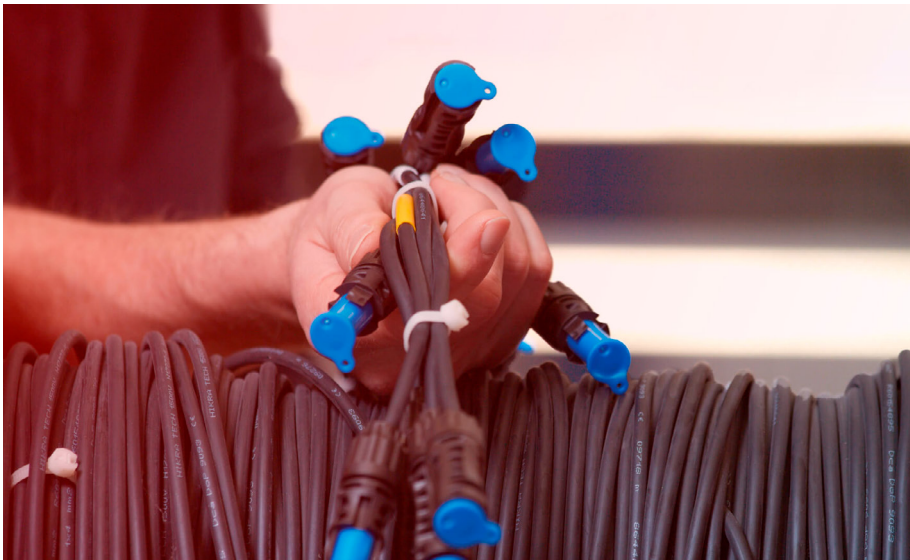
More than 6.5 GW supplied annually.

2,000
customers

Over 2,000 customers worldwide.

60
countries

Presence in more than 60 countries.



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