

HIS



HISkon+ AL

■ pre-assembled cable harnesses

Pre-assembled Copper-Aluminium
Cabling System

Part of the HISconnect solar cabling system

HISkon+ AL

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

HISkon+ AL

■ pre-assembled cable harnesses

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

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



Technical Specifications



Rated Voltage
1500V DC



Contact Material
Copper-aluminum alloy, Tinning



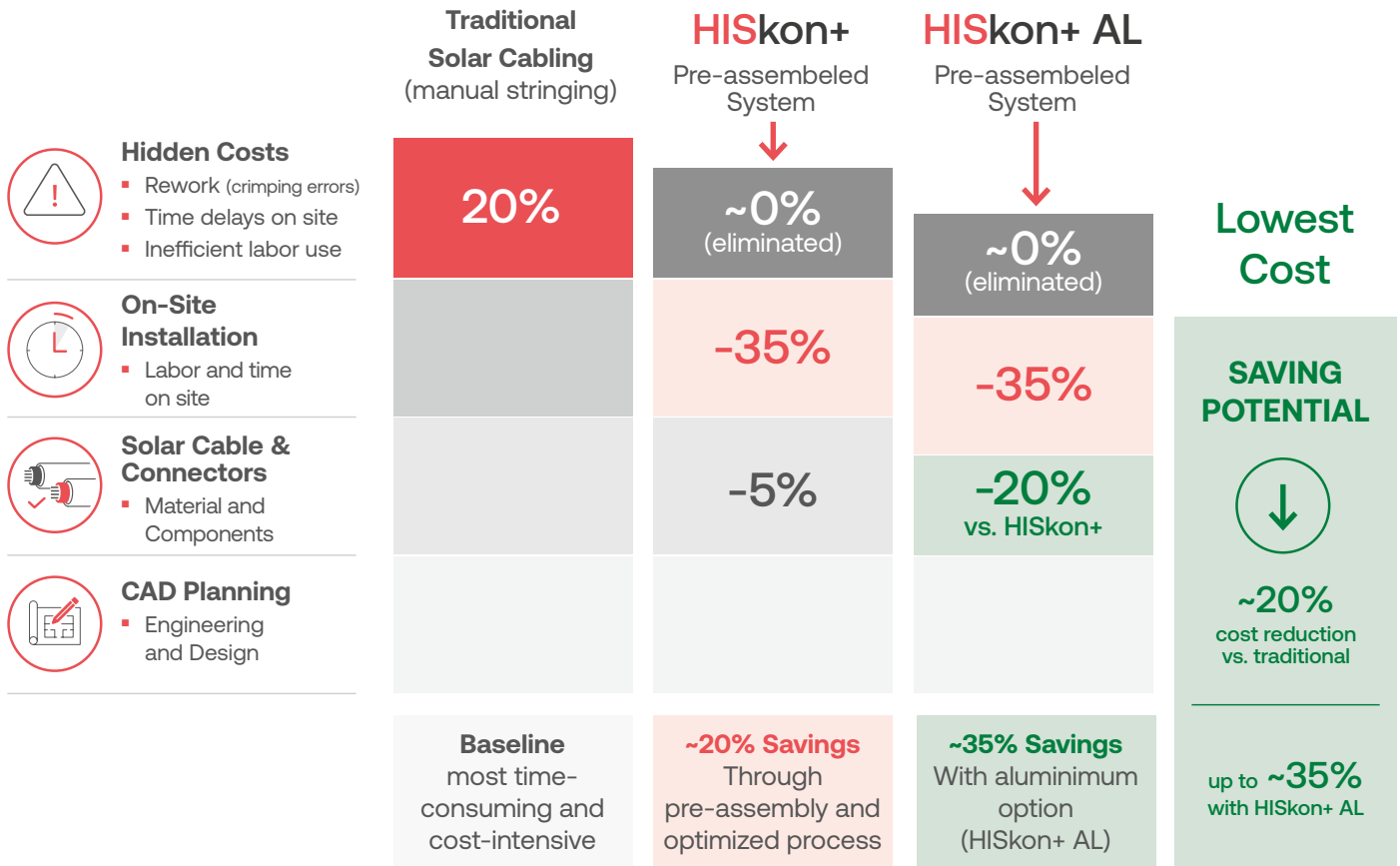
Rated Current (at 85°C)
41 A (6 mm²) / 50 A (10 mm²)



Rated Temperature
-40°C ~+85°C

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Cost comparison (based on project experience)



HISkon+ AL 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+ AL reduces dependency on copper-intensive infrastructure, minimizing exposure to copper price volatility, supply chain constraints, and rising material costs.

Certified System Components

HIS Cu	PV Copper Connector
HIS Al	Copper-Aluminium Connector
HIKRA SOL AL	Aluminium solar cable backbone

Other Characteristics

Rated Voltage	1500V DC system voltage
Standards	EN50618 / IEC62930 compliant
Certification	TÜV 2 PfG 2750 floating PV certification
Resistance	UV-resistant and water-resistant
Ambient temperature	-40°C to +90°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

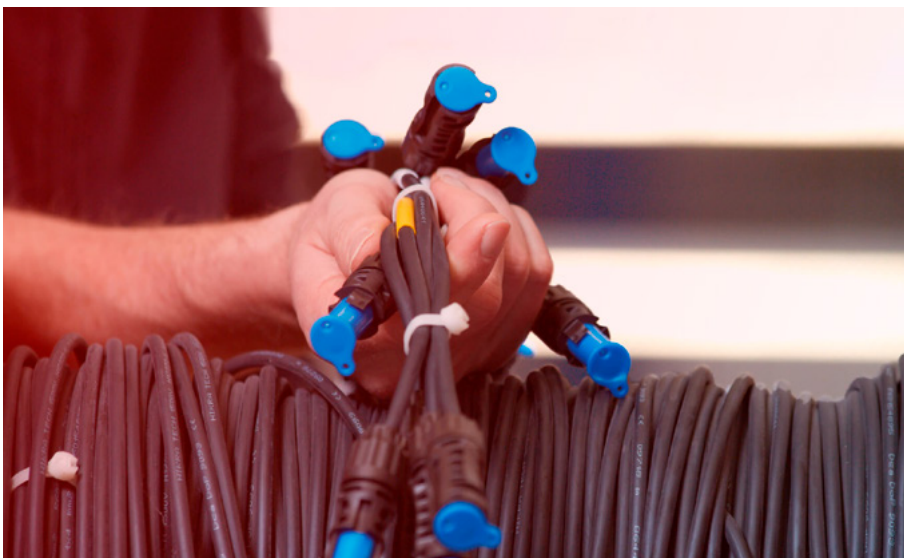
More than 6.5 GW supplied annually.

2,000
customers

Over 2,000 customers worldwide.

60
countries

Presence in more than 60 countries.



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