

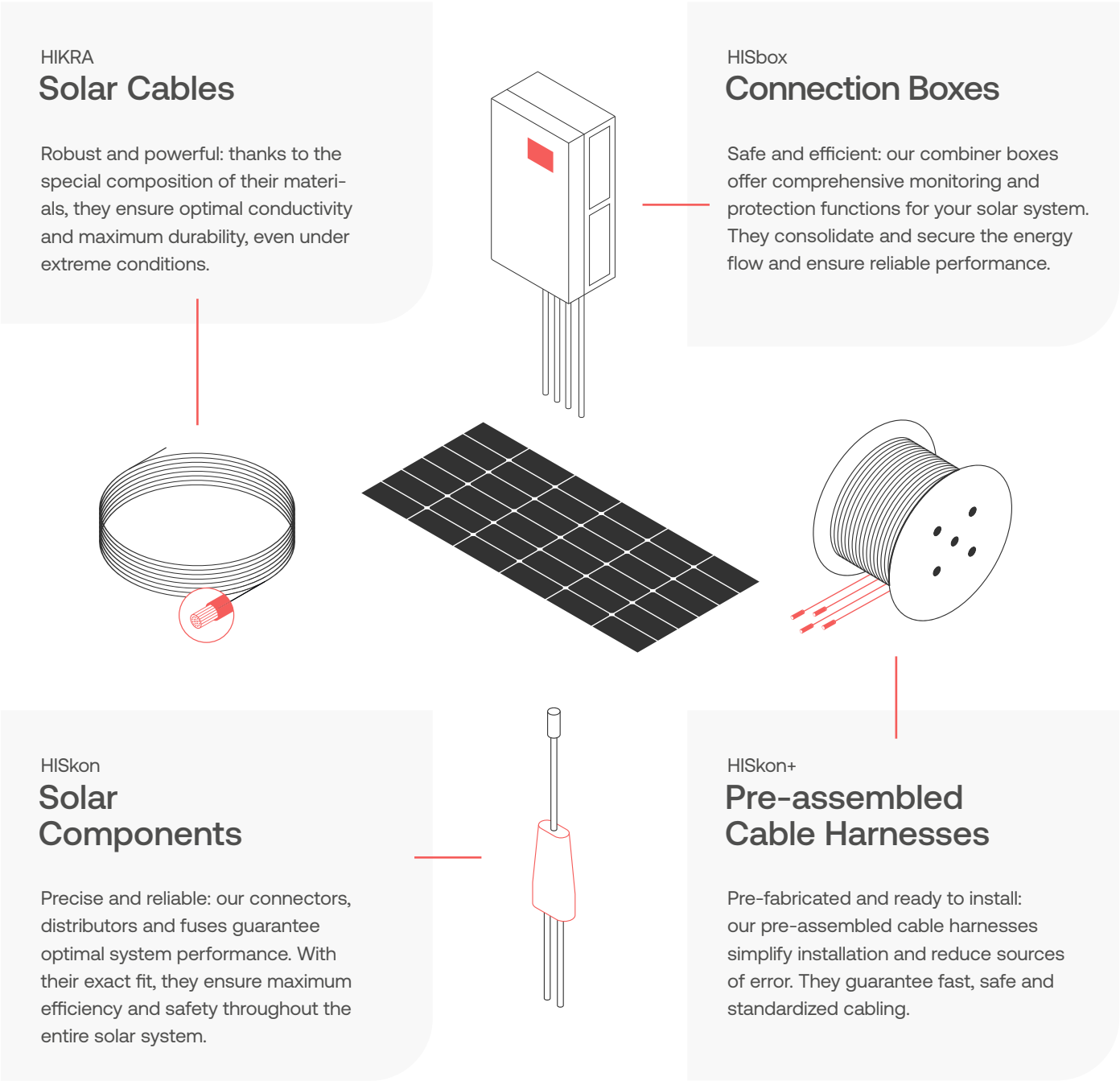
# HIS

## HISCONNECT

■ advancing renewables

Maximum efficiency and durability at every stage of your solar project.

# Commercial & Industrial – Residential



## HISCONNECT

■ advancing renewables




HIKRA

solar cables


High-performance solar cables

for photovoltaic systems

- 


Installation


Suitable for ground installation



High conductivity


(fine-stranded electrolytic copper)



Ready for floating PV
- 


Optimal compatibility

(part of the HISCONNECT® system)




Additional benefits

CPR-approved




High short-circuit resistance

(250 °C / 5s)
- 

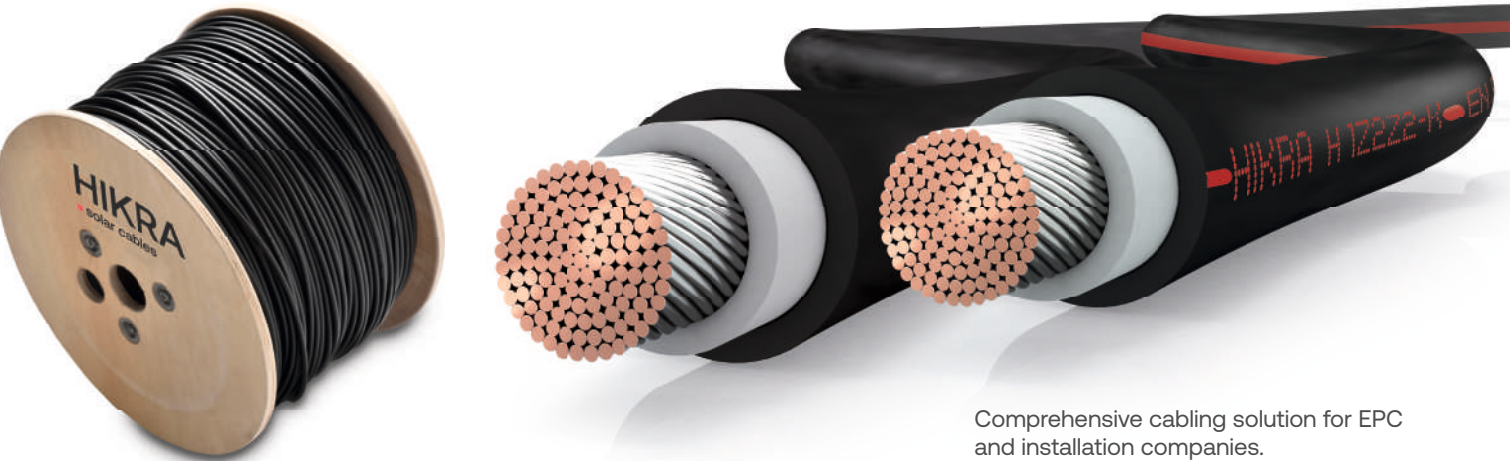
Nominal voltage

up to 2 kV DC



TÜV-certified

(EN50618, IEC62930, UL4703, TÜV 2Pfg 2750)



Comprehensive cabling solution for EPC and installation companies.

HIKRA® stands for technically outstanding and integrated solutions developed with environmental, safety and cost considerations in mind, offering flawless performance even in the harshest conditions.

HIKRA

SOL



Order No		Cross-section (mm²)	Construction n x max-Ø (mm)	Max. resistance (Ω/km)	External diameter (+/- 0,2 mm)	Copper index (kg/km)	Approx. Weight (kg/km)
black	white						
73 90 65	73 90 66	1 x 1,5	29 x 0,25	13,7	4,6	14,0	32,0
73 86 09	73 86 10	1 x 2,5	47 x 0,25	8,21	5,0	24,0	41,0
73 86 13	73 86 14	1 x 4,0	52 x 0,3	5,09	5,4	38,4	54,0
73 86 15	73 86 16	1 x 6,0	78 x 0,3	3,39	6,0	57,6	73,0
73 86 17	73 86 18	1 x 10,0	77 x 0,4	1,95	7,2	96,0	120,0
73 86 19	—	1 x 16,0	126 x 0,4	1,24	8,7	153,6	189,0
73 90 61	—	1 x 25,0	190 x 0,4	0,795	10,4	240,0	277,0

# HISbox

■ DC / AC string boxes

## Maximum safety and reliability for commercial and industrial applications

### Protect your investment:

- › Individually adapted to your requirements
- › Efficient system operation
- › Higher profitability
- › In-house engineering expertise

### High security

- › High-quality components
- › Designed according to specific national standards
- › Tested for high plant availability

## String boxes DC/ AC



### Specific project design

HISbox® connection boxes are always designed specifically for each project. Requirements for protection, switching and measuring devices are clarified according to national standards.

### Proven quality

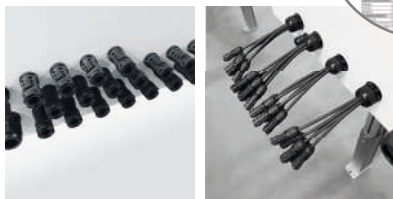
Integration of E-CAD into ERP; internal testing in climate chamber and final inspection according to IEC 61439-1.

### Highly reliable gland and bushing options

Straight cable glands, plug-and-play, loose cables, or HISCONNECT+ choose the one you need.

### Plug-and-play,

MC4 connectors enable easy connection of PV strings to the box.



### Modular configuration

Use the HIS Checklist to quickly configure our HISbox® to your needs using modular components.

### Easy installation

HISbox units come ready to use with pre-installed connection cables or connectors, reducing installation time to a minimum.

### Maximum reliability

Using standardized, certified and tested components ensures durable, maintenance-free operation.



E-CAD



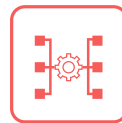
MANUFACTURING



ENGINEERING



LOGISTICS



ERP



HISbox® website



Enclosures for emergency power supply systems with batteries



Network and installation protection





# HISkon

■ PV cabling components

## Perfectly matched components for seamless installation

Installers and operators around the world rely on HISCONNECT® system components—and their success proves them right.

## Extension cords and cabling solutions

### Extensions and adapters:

- › HISKON® cable adapters for various connectors
- › One- or two-sided extensions with individual marking



HISkon® Splitter data sheet

### Inline fuses:

- › Recommended for optimal plant profitability and operational safety
- › Available in 1000 V DC and 1500 V DC versions, individually or integrated into cable harnesses



HISkon+ video

### Cable harnesses

- › Plug-and-play solution for PV plants
- › Always the right connector for sustainable availability
- › Professionally supervised crimp quality and reduced contact resistance



## Pre-assembled cable harnesses for EPC and photovoltaic professionals

Pre-assembled cable harnesses offer an efficient plug-and-play solution as an alternative to conventional installation. They save time on site, reduce sources of error, and simplify installation thanks to their clear labeling and prefabricated lengths, ideal for installers, EPCs, and project planners.

- › Reliable and simple
- › Cost-effective
- › Ready to use
- › Reduced errors thanks to professional crimping
- › No waste
- › Lower labor costs

HIGHER PROFITS.

Cost reduction.



Pre-assembled cabling for floating photovoltaic installations

# HISkon

■ PV cabling components

## PV connectors

- › World-leading distributor of PV connectors from all well-known manufacturers.
- › Quick and easy installation thanks to high-quality crimping tools and installation accessories.
- › Reliable delivery thanks to extensive warehousing and long-standing logistics network.
- › Packaging tailored to the required quantities, available in various finishes and with custom printing.



Brand	Order No	Model	Type	Cross-section Ø (mm²)	Ø External diameter (mm)	Tools
Stäubli	71 13 90	MC4 PV-KST4/6IUR	Toma de corriente	4.0 – 6.0	5.0 – 6.0	75 64 22
	71 13 93	MC4 PV-KST4/6IUR				72 34 96
Stäubli	70 86 68	MC4 PV-KBT4/6IUR	Toma de corriente	4.0 – 6.0	5.9 – 8.8	75 64 22
	70 86 69	MC4 PV-KBT4/6IUR				72 34 96
Stäubli	73 27 58	EVO2 PV-KST4-EVO 2/6IUR	Toma de corriente	4.0 – 6.0	4.7 – 6.4	75 64 22
	73 27 60	EVO2 PV-KBT4-EVO 2/6IUR				72 34 96
Trina Solar	74 31 47	TS4-M2	Toma de corriente	4.0 – 6.0	5.6 – 6.8	74 36 81
	74 31 48	TS2-F2				
Jinko	75 33 92	PV-JK03M2/2BC	Toma de corriente	4.0 – 6.0	5.0 – 6.8	75 33 15
	75 33 93	PV-JK03M2/2BC				75 33 14
Canadian Solar	74 99 33	T4-PC-1	Toma de corriente	4.0 – 6.0	4.3 – 6.6	75 00 32
	74 99 34	Tlian T4-PC-1				75 00 31
TE	73 86 24	2-2270024-1	Toma de corriente	4.0 – 6.0	5.0 – 7.8	72 76 17
	73 86 25	2-2270025-1				72 76 18



# HISENERGY

■ empowering tomorrow smartly

# HISbatt

■ storage system

# HISems

■ energy management

# EVtap

■ e-mobility solutions

## Solutions and accessories for energy storage and EV charging



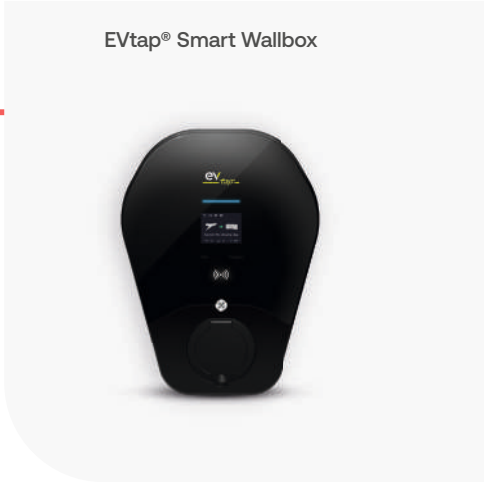
HISENERGY website



HISbatt® 233L



EVtap® DC Fast Charging Station



EVtap® Smart Wallbox

## HISenergy – Your partner in smart power supply Storage. Charging. Management. Everything from a single source.

### HISbatt

#### Energy storage solutions

From 126 kWh to 100 MWh – modular, scalable, and customizable.

### EVtap

#### Charging infrastructure

Wallboxes and fast-charging stations up to 420 kW – safe, user-friendly, and PV-compatible.

### HISems

#### Energy management

Smart control and full transparency of energy flows for maximum efficiency.

### Installation

#### Plug & Play

Fast, simple and flexible: systems are operational within hours.

### Service &

#### Collaboration

From consulting and planning to operation and maintenance – everything from a single provider with more than 25 years of experience.

## HISenergy – A leading systems provider in Europe Experience, expertise, and innovation – your partner in the energy transition.



40+  
GW

Over 40 GW of successfully connected PV projects.

6  
locations

2 production sites and  
4 national branches

2,000  
customers

More than 2,000  
customers in over  
60 countries.

400  
employees

in development, production,  
and sales.

25  
years

Over 25 years of PV sector  
experience and energy.

3x  
certified

UL, ISO 9001, ISO 14001





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