

# Connection Cable

## Balcony

### Connection cable for the Solarnative Balcony System

Our pre-assembled connection cables connect the Solarnative PowerStick Balcony micro-inverters to each other and the first PowerStick Balcony to the Solarnative IntelliGate Balcony. Sounds simple? It is!



## Key Features



#### Universally applicable

Single cable type for connection from PowerStick Balcony to PowerStick Balcony or to IntelliGate Balcony



#### Always the right length

Pre-assembled cables from 0.8 m to 15.0 m length



#### Easy installation

Plug & Play



#### Safe connection

Click-in connectors, can only be unlocked with tooling

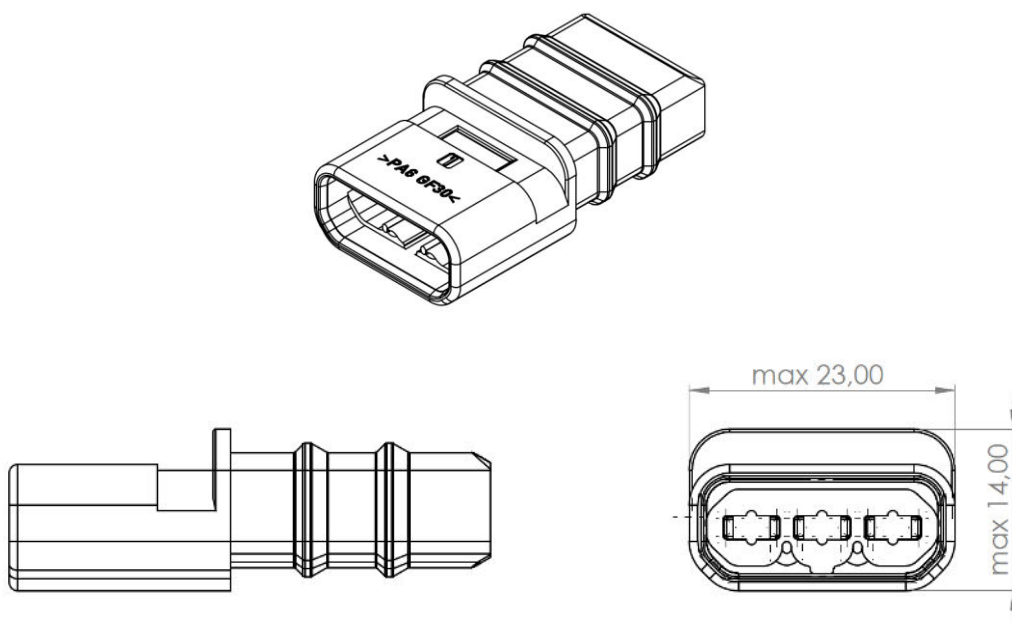
# Technical Data

General Data	CCB-x.x-10
Rated voltage	1.000 V
Ambient temperature range	-40 °C bis +105 °C
Cable type	UL 2586 (CE certified)
Cable cross section	AWG 18 (3 x 0.82 mm <sup>2</sup> )
Degree of protection	IP67
Flame rating	UL 1581 (VW-1)
UV resistance	Yes
Outer diameter	7.65 mm +/- 0,2 mm
Bending radius	Min. 50 mm
Conductor resistance	Max. 23,2 Ω/km @ +20 °C
Outer size AC connector (width x height)	23 mm x 14 mm
Compliance	EN 50525-1:2011, IEC 60227-1:2007, IEC 60227-2:2003, IEC 60227-3:1997, IEC 60227-5:2011, UL 9703, RoHS

Item number	Phases	Rated current (@ +25 °C)	Length	Weight
CCB-0.8-10	Single-phase	6 A	0.82 m +/- 20 mm	0.1 kg
CCB-2.0-10	Single-phase	6 A	2.02 m +/- 20 mm	0.2 kg
CCB-5.0-10	Single-phase	6 A	5.05 m +/- 50 mm	0.45 kg
CCB-10.0-10	Single-phase	6 A	10.08 m +/- 80 mm	0.9 kg
CCB-15.0-10	Single-phase	6 A	15.10 m +/- 100 mm	1.2 kg

For an actual overview of the countries in which the Solarnative Balcony System can be used, see: [WWW.SOLARNATIVE.COM/CERTIFICATIONS](http://WWW.SOLARNATIVE.COM/CERTIFICATIONS)

## AC connector



# Balcony PV System Architecture

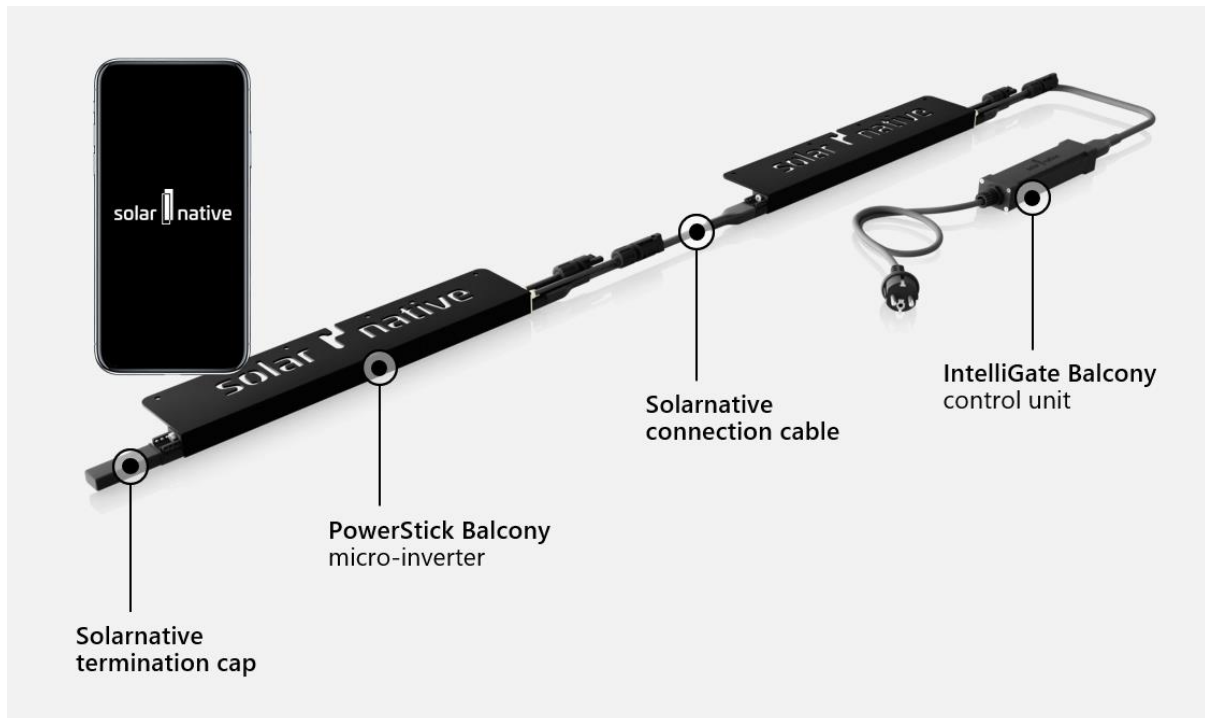


Illustration: Example setup with two PV modules.

Note: The proportions of the products have been changed to better illustrate the system structure.

System	Solarnative Balcony System
Max. current per system	6 A
Number of inverters per system	40, typically: 1 to 5 inverters.
System components	Self-regulated system. Max. feed-in power adjustable according to local regulations. No minimum number of inverters. PowerStick Balcony, Connection Cable Balcony, Termination Cap, IntelliGate Balcony
Connectivity	IntelliGate Balcony to PowerStick Balcony: Power-line communication IntelliGate Balcony to Cloud Server: Wi-Fi