

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

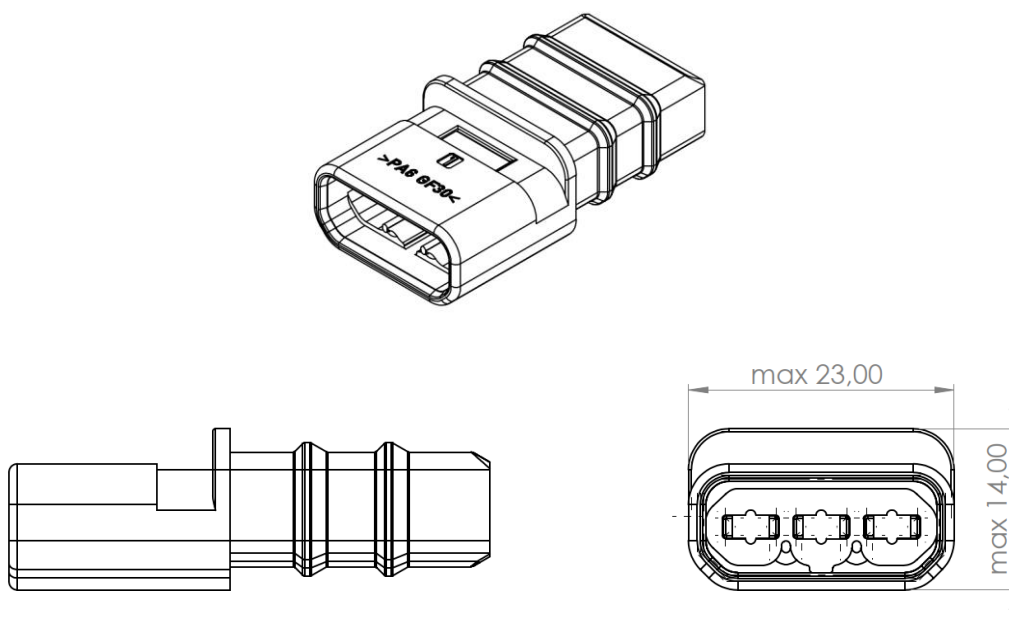
Technical Data

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 ²)
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

AC connector



Balcony PV System Architecture

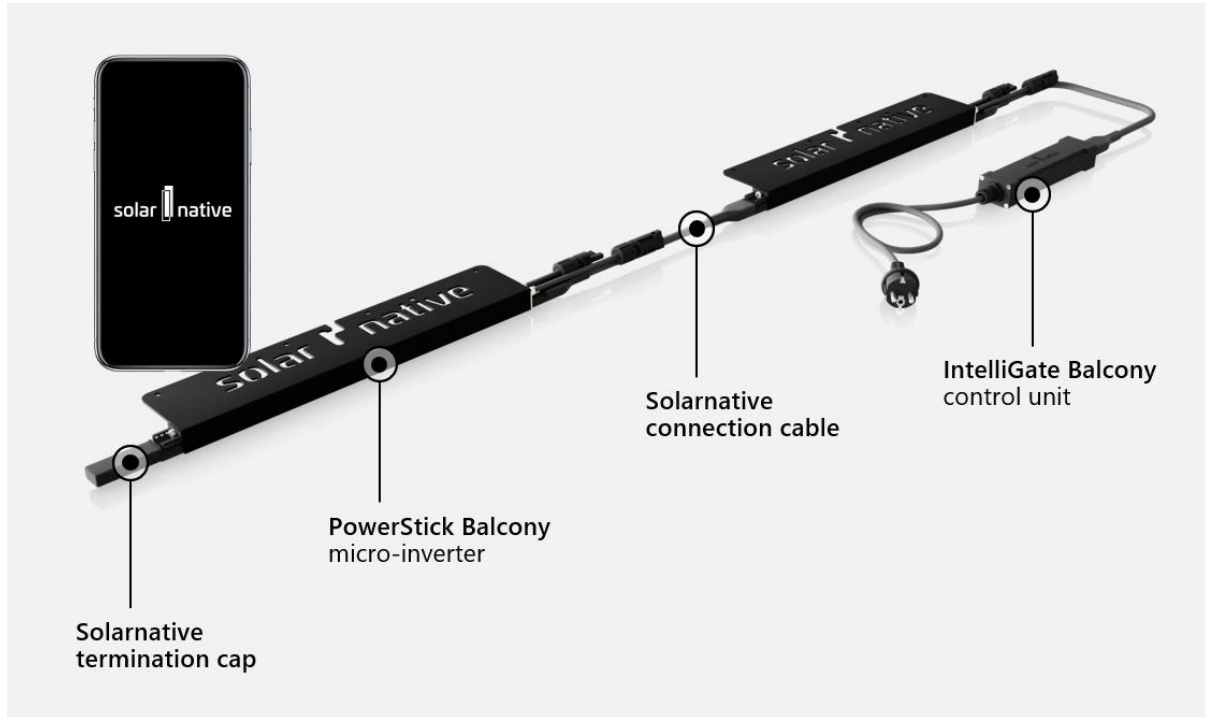


Illustration: Example setup with two PV modules.

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	Max. 4 inverters. Self-regulated system. Max. feed-in power adjustable according to local regulations. No minimum number of inverters.
System components	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