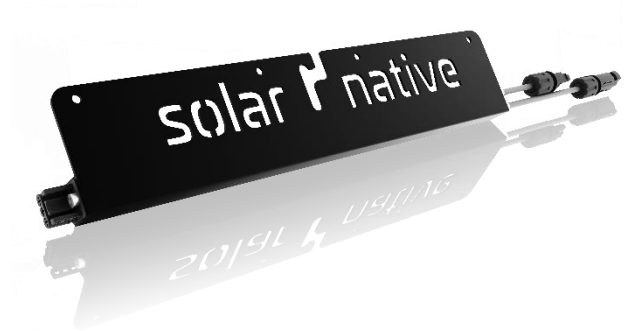


# PowerStick

## Balcony 350

### Micro-Inverter for balcony PV systems

Based on our unique high-frequency technology, the Solarnative PowerStick Balcony 350 is the smallest and fastest PV inverter in the world. Thanks to its unique miniaturized design and light weight, this micro-inverter can be mounted to any subconstruction, balcony rail, or even the module frame.



## Key Features



### Maximum energy yield

Thanks to flexible limitation of feed-in power by Solarnative IntelliGate Balcony



### Upgradeable from 600W to 800W

By remote update



### Highest quality

25 years limited warranty (up to max. 10,000 kWh - equals 25 years at average energy production)

Reduced component count leads to minimized failure rates



### Easy installation

Plug & Play



### Made in Germany

Developed and produced in Germany

GDPR compliant, data storage on German servers

# Technical Data

Input (DC)	PSB-350-10
Recommended module power	Up to 440 Wp
DC connector	Stäubli MC4
MPP voltage range	25 V – 60 V
Start input voltage	15 V
Max. voltage	60 V
Max. current	15 A

Output (AC)	PSB-350-10
Rated power (@ 230 V, 50Hz)	350 W
Rated apparent power	350 VA
Nominal voltage / Grid frequency	230 V / 50 Hz
Max. current	1.5 A
Max. power factor	> 0.99
Adjustable power factor	0.95 overexcited to 0.95 underexcited
Over-voltage class	II
Feed-in phases / Connection phases	1 / 1
NS-protection	Integrated

Efficiency	PSB-350-10
Max. efficiency / European efficiency	> 96.5 % / > 96 %

General Data	PSB-350-10
Ambient temperature range	-40 °C to +65 °C
Dimensions incl. AC connectors / w/o DC connectors (length x width x height)	440 mm x 75 mm x 24 mm
Weight	530 g
Cooling	Natural convection
Degree of protection	IP67
Protection class	I
Noise emission	< 40 dB

Compliance	PSB-350-10
Certifications	CE, VDE-AR-N 4105:2018 / DIN VDE V 0124-100:2020 (pending)

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)

# Balcony PV System Architecture

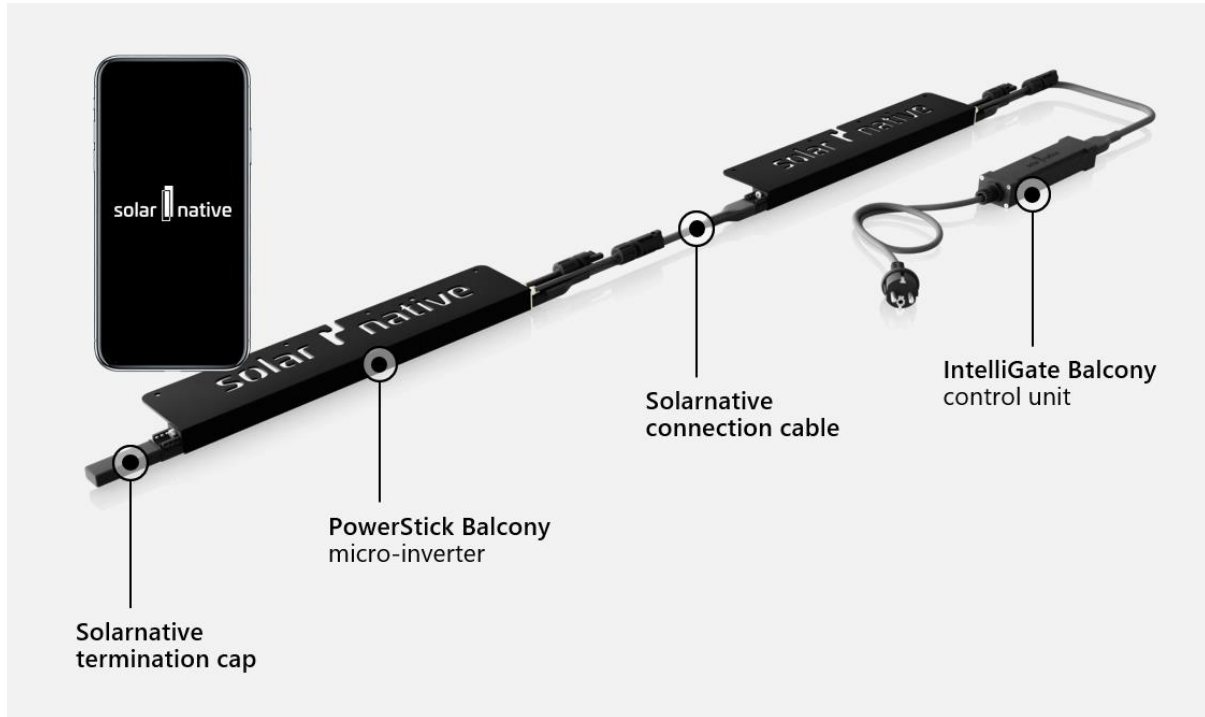


Illustration: Example setup with two PV modules.

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