

IntelliGate Balcony

Balcony PV System Control Unit

The Solarnative IntelliGate Balcony monitors and controls your balcony PV system making sure your power plant complies with local regulations while allowing you to maximize your energy yield.



Key Features



Higher energy yield
Thanks to flexible limitation of feed-in power



Upgradeable from 600W to 800W
By remote update



Easy installation
Plug & Play



Made in Germany
Developed and produced in Germany
DSGVO compliant, data storage on German servers

Technical Data

Connections		IGB-10/-11
Inverters	Solarnative AC connector for Connection Cable Balcony	
Max. input current	6 A, self-regulated system, max. feed-in power adjustable	
Grid connection	Schuko plug, incl. 0.5 m cable	
Nominal grid voltage / frequency	230 V / 50 Hz	
Overvoltage Class	II	

Connectivity		IGB-10/-11
Inverter	Power-line communication	
Cloud Server	Wi-Fi	

General Data		IGB-10/-11
Ambient temperature range	-40 °C to +85 °C	
Dimensions w/o cable / Schuko plug (length x width x height)	210 mm x 41.8 mm x 28.8 mm	
Weight	270 g	
Protection degree	IP67	
Protective class	II	
Own consumption	< 1 W	
Noise emission	< 40 dB	

Compliance		IGB-10/-11
Certifications	CE	

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

Balcony PV System Architecture

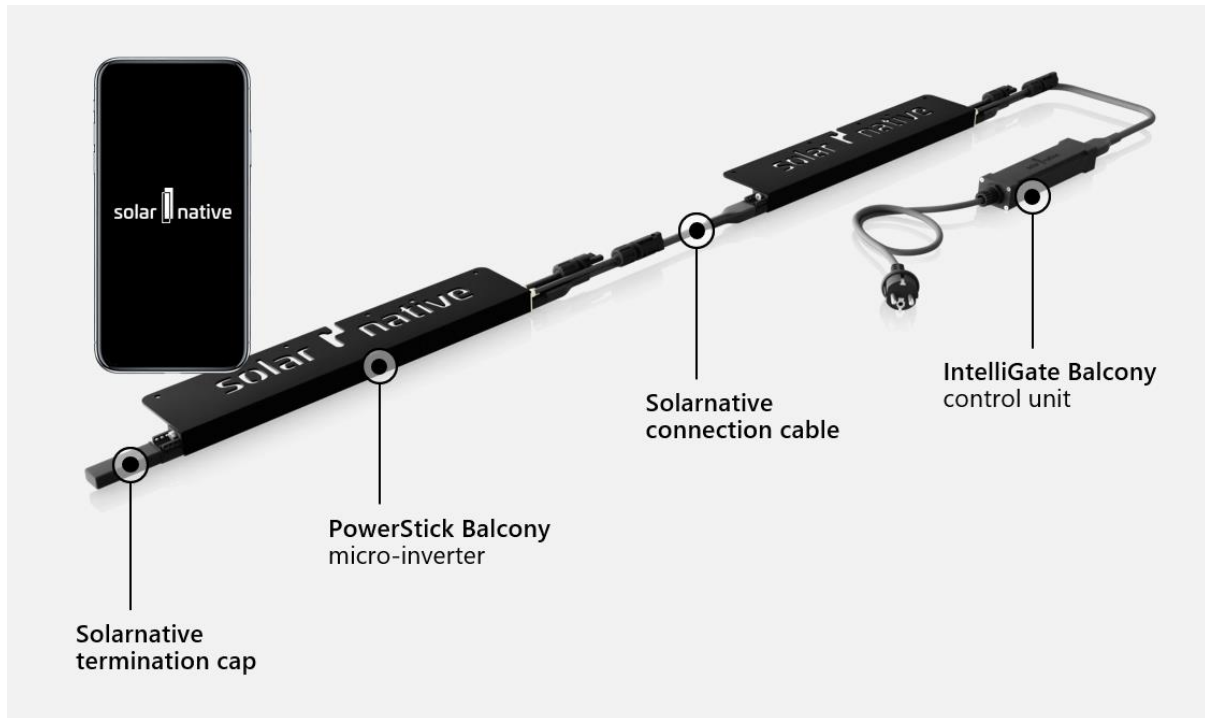


Illustration: Example setup with two PV modules.

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