

COMING
SOON!KOSTAL⁺ize

your energy

ENECTOR G2 (MID)

Intelligent charging in the system

Simple. Intelligent. Future-proof.

The ENECTOR G2 integrates e-mobility seamlessly into PV systems. Installers benefit from simple installation, flexible control and high compatibility with PLENTICORE G3 and KOSTAL Smart Energy Meter for optimized self-consumption.

Simple:

Quick installation, compact design, flexible cable routing, simple commissioning, intuitive operation, ready to use immediately.

Intelligent:

Dynamic charging modes, automatic phase switching, optimized self-consumption, reduced grid load.

Future-proof:

EEBUS-ready and compliant with regulatory requirements via PLENTICORE G3 or KSEM, intelligent load control, suitable for long-term use.

Performance features

The KOSTAL wallbox ENECTOR G2 (MID) offers reliable AC charging with intelligent control, high safety, system integration and optional MID-compliant measurement for billing-capable applications.

- + Communication according to ISO 15118-20¹
- + AC wallbox 3.7 / 11 kW (1-phase / 3-phase)
- + Control via PLENTICORE G3 or KOSTAL Smart Energy Meter (KSEM)²
- + PV-optimized charging (Solar Pure, Solar Plus, Power Mode)²
- + Automatic phase switching²
- + EEBUS communication (§14a-ready)²
- + LAN and WLAN integrated
- + Web interface with monitoring and data export (CSV)
- + RFID authorization or autostart
- + MID-compliant energy meter³
- + Billing-capable measured values³
- + DC residual current monitoring (> 6 mA)
- + Blackout protection²
- + Phase imbalance limitation
- + Permanently installed Type 2 charging cable (7.5 m)
- + Protection class IP54 (suitable for outdoor use)
- + Compact design, wall mounting

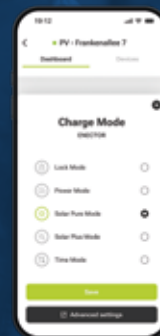
¹ The electric vehicle must also support the ISO15118-20 communication standard. The corresponding software update for the ENECTOR G2 will be released in 2027

² This feature is automatically enabled with software version 3.07.10 on the PLENTICORE G3 and software version 2.8.0 on the KSEM G2.

³ Applies only to ENECTOR G2 MID

Simply charge with solar power – with ENECTOR in the KOSTAL complete system

Easy control with the
KOSTAL Solar 4me app



Technical information

KOSTAL Wallbox ENECTOR G2		AC 3.7/11 kW G2		AC 3.7/11 kW G2 MID	
Connection side (AC)	Grid connection		3N~, AC, 400 V or 1N~, AC, 230 V		
	Max. input current per phase	A	16		
	Max. protection AC connection side		MCB 20		
	Internal DC residual current detection (RDC-MD > 6 mA)		✓		
	Compatibility with external residual current devices		RCD Type A		
	Standby	W	< 5		
	Terminal block AC - rigid (min-max) / -flexible (min-max)	mm²	5 x 2.5...6		
System data	Activation via RFID card		✓		
	RFID cards		2		
	Charging connector		Type 2		
	Charging cable length	m	7.5		
	Max. charging power Mode 3 (1 ph / 3 ph)	kW	3.7 / 11		
	Protection class - Wallbox		IP54		
	Protection class		I		
	Dimensions H x W x D	mm	412 / 242 / 180		
	Weight	kg	4.9	5.3	
	Ambient temperature without direct sunlight	°C	-30....50		
	LED display color		✓		
	MID meter		--	✓	
	Network connection: LAN / WLAN		✓		
	Charging mode¹ adjustable via button, KOSTAL Smart Energy Meter, PLENTICORE G3 or KOSTAL Solar App		✓		
	Visualization of charging data possible via wallbox web interface, KOSTAL Solar Portal, PLENTICORE G3 with MDC or KOSTAL Smart Energy Meter		✓		
	Warranty (Smart Warranty²)	Years	5		
Directives/Certification		IEC 61851, IEC 61439-7			

Preliminary data. Subject to technical changes. Errors excepted.

¹ This feature is automatically enabled with software version 3.07.10 on the PLENTICORE G3 and software version 2.8.0 on the KSEM G2.

² Free warranty (Smart Warranty) activate in KOSTAL Solar Webshop (shop.kostal-solar-electric.com). Statutory warranty is not affected by this.

Get to know the KOSTAL product portfolio and convince yourself
of the diverse application possibilities.

Further information can be found at www.kostal-solar-electric.com

