

ENECTOR G2 / G2 MID

AC Wallbox 3.7/11 kW



Data Sheet

KOSTAL AC Wallbox for the home – smart charging for your electric car.

Key features ENECTOR AC 3.7/11 kW G2 / G2 MID

Charging power & standards

- Up to 11 kW charging power (single-phase / three-phase)
- Mode 3 charging in accordance with IEC 61851-1
- Communication in accordance with ISO 15118-20 ¹⁾³⁾

PV-optimised charging ²⁾

- Controlled via PLENTICORE G3 or KSEM
- Solar Pure / Solar Plus / Power Mode / Lock Mode
- Automatic phase switching
- EEBUS / §14a-ready

Operation & Communication

- LED status indicator
- Integrated LAN & Wi-Fi
- RFID or auto-start
- Switching between charging modes via button ²⁾

Advanced features

- Integrated web interface
- Display of energy charged
- Data export (CSV format)
- User and RFID management

Installation & Hardware

- 7.5 m Type 2 charging cable (permanently attached)
- Removable front cover
- Compact design
- Easy installation

Safety & Grid Protection

- DC fault current monitoring (> 6 mA)
- Blackout protection ²⁾
- Unbalanced load limitation
- External load shedding / shutdown in the event of a fault
- Charging current reduction (downgrade input)



¹⁾ The electric vehicle must also support the ISO 15118-20 communication standard.

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

³⁾ Via software update in 2027.

⁴⁾ Included in the ENECTOR AC 3.7/11 kW G2 MID version.

Compact in design, efficient to operate and quick to install.



Serviceleistungen rund um unsere Produkte

Activating the KOSTAL Smart Warranty via shop.kostal-solar-electric.com
For all technical and service enquiries, please contact KOSTAL Solar Electric GmbH.
Further information is available at www.kostal-solar-electric.com

Technical Specification KOSTAL Wallbox - ENECTOR AC G2

KOSTAL Wallbox			ENECTOR AC 3.7/11 kW G2	ENECTOR AC 3.7/11 kW G2 MID
Connection side AC	Grid connection		3N~, AC, 400 V or 1N~, AC, 230 V	3N~, AC, 400 V or 1N~, AC, 230 V
	Rated frequency	Hz	50	50
	Grid form		TN/TT	TN/TT
	Max. Input current per phase	A	16	16
	Max. Fuse protection AC connection side		MCB 20	MCB 20
	Internal DC residual current detection (RDC-MD >6 mA)		✓	✓
	Compatibility with external residual current devices		RCD type A	RCD type A
	Rated current of a charging point Mode 3	A	16 - 1ph / 3ph	16 - 1ph / 3ph
	Terminal strip AC - rigid (min-max)	mm ²	5 x 2.5...6	5 x 2.5...6
	Terminal strip AC - flexible	mm ²	5 x 2.5...6	5 x 2.5...6
	Standby	W	5	5
System data	Charging plug		Type 2	Type 2
	Charging cable length	m	7,5	7,5
	Max. Charging power mode 3 (1ph/3ph)	kW	3,7 / 11	3.7 / 11
	Rated insulation voltage	V	500	500
	Rated impulse withstand voltage	kV	4	4
	Conditional rated short-circuit current	kA	1,1	1.1
	Rated load factor RDF		1	1
	EMC classification		A / B	A / B
	Protection class - wallbox		IP54	IP54
	Protection class		I	I
	Overvoltage category		III	III
	Pollution degree		3	3
	UV resistance		✓	✓
	Impact resistance		IK 10	IK 10
	Installation - outdoor		✓	✓
	Installation - indoor		✓	✓
	Mounting type		Wandmontage	Wandmontage
	Dimensions H x W x D	mm	412 / 242 / 180	412 / 242 / 180
	Cable entry		up / down / back	up / down / back
	Weight	kg	4.9	5.3
	Ambient temperature (with derating)	°C	-30...50	-30...50
	Average temperature over 24 hours	°C	35	35
	Max. operating altitude above sea level	m	2000	2000
	Max. relative humidity (non-condensing)	%	95	95
	LED display coloured		✓	✓
	MID-Meter		--	✓
	Network connection: LAN / Wi-Fi		✓	✓
	Activation via RFID card		✓	✓
	RFID cards		3	3
	Charging mode ¹⁾ adjustable via button, KOSTAL Smart Energy Meter, PLENTICORE G3 or KOSTAL Solar App		✓	✓
	Visualisation of charging data ¹⁾ possible via Wallbox web interface, KOSTAL Solar Portal, PLENTICORE G3 with MDC or KOSTAL Smart Energy Meter		✓	✓
	Warranty (Smart Warranty ²⁾)	years	5	5
	Guidelines/Certification		IEC 61851, IEC 61439-7	IEC 61851, IEC 61439-7

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

2) Activate the free warranty (Smart Warranty) in the KOSTAL Solar webshop (shop.kostal-solar-electric.com).

This does not affect the statutory warranty. Further information on the service and warranty terms and conditions can be found in the product's download section.

