

ENECTOR

AC Wallbox 3.7/11 kW



Smart connections.

Data Sheet

The KOSTAL AC Wallbox for your home for optimal charging of your e-car

Simply practical

- Charging power up to max. 3.7 kW (1 ph) / 11 kW (3 ph)
- Simply plug in and charge (no authorisation required)
- Status information easily readable via LED display
- Easy to install: wired ready for connection, simple mounting
- DC fault current monitoring integrated (only one RCD type A is required for pre-installation)
- Monitoring of household power demand in combination with external energy meter (blackout protection)

Simply safe

- Welding detection for external charge interruption
- Temperature monitoring Protection against internal overtemperature
- Blackout protection Monitoring of household power demand in combination with a KOSTAL Smart Energy Meter or external energy meter



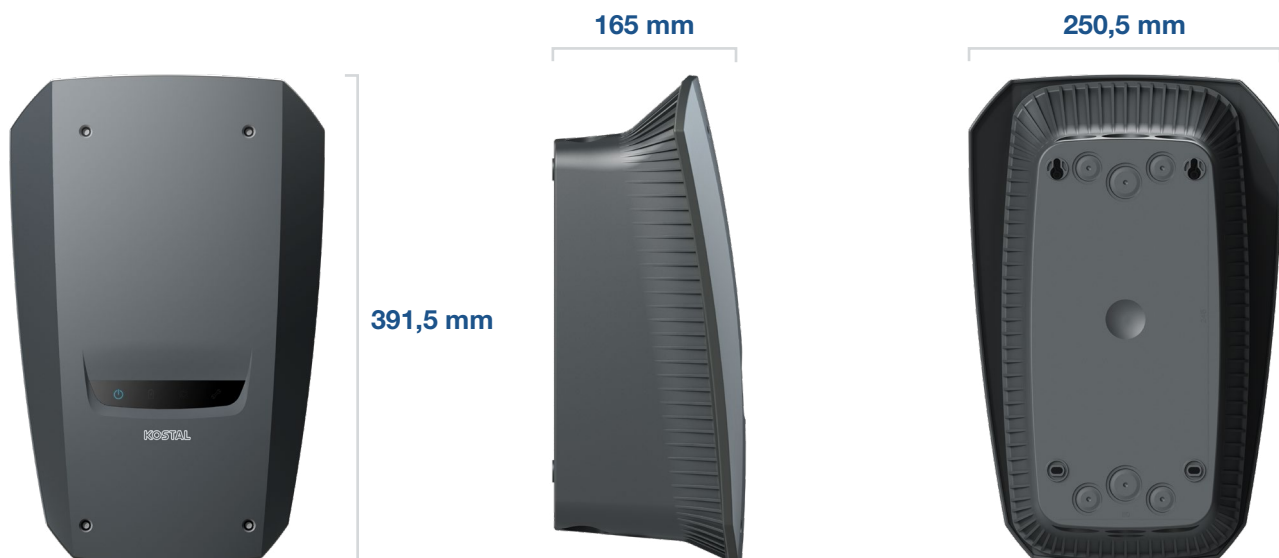
This speaks for itself

- Modern design in a compact form
- Future-proof due to compatibility with all vehicles (mode 3 charging according to IEC 61851)
- High KOSTAL quality - Made in Germany
- Warranty extension to 5 years thanks to KOSTAL Smart Warranty

Range of functions

- 7.5 m permanently connected AC charging cable type 2
- Outdoor installation possible
- Low standby consumption
- MODBUS RTU for connection of energy meters (e.g. KSEM)
- Optional comfort functions via KOSTAL Smart Energy Meter
- Lock Mode, Solare Pure Mode or Solar Plus Mode possible¹
- Performance displays via the KOSTAL Smart Energy Meter web server, KOSTAL Solar Portal and KOSTAL Solar App¹

ENECTOR: Efficient, compact and quickly installed



Technical Specification KOSTAL Wallbox - ENECTOR AC

KOSTAL wallbox		ENECTOR AC 3.7/11	
Connection side AC	Grid connection	3N~, AC, 400 V or 1N~, AC, 230 V	
	Rated frequency	Hz	50
	Grid form		TN/TT
	Max. Input current per phase	A	16
	Max. Fuse protection AC connection side		MCB 20
	Internal DC residual current detection (RDC-MD >6 mA)		✓
	Compatibility with external residual current devices		RCD Typ A
	Rated current of a charging point Mode 3	A	16 - 1ph / 3ph
	Terminal strip AC - rigid (min-max)	mm ²	5 x 2,5...6
	Terminal strip AC - flexible	mm ²	5 x 2,5...4
Standby	W	< 1	
System data	Charging plug		Type 2
	Charging cable length	m	7.5
	Max. Charging power mode 3 (1ph/3ph)	kW	3.7 / 11
	Rated insulation voltage	V	500
	Rated impulse withstand voltage	kV	4
	Conditional rated short-circuit current	A	10
	Rated load factor RDF		1
	EMC classification		A / B
	Protection class - wallbox		IP54
	Protection class - coupling / plug		IP44
	Protection class		I
	Overvoltage category		III
	Pollution degree		3
	UV resistance		ja
	Impact resistance		IK 10
	Installation - outdoor		✓
	Installation - indoor		✓
	Mounting type		Wall mounting
	Dimensions H x W x D	mm	400 x 260 x 160
	Cable entry		up / down / back
	Weight	kg	3.9
	Ambient temperature (with derating)	°C	-25...40 (50)
	Max. Operating altitude above sea level	m	2000
	Max. relative humidity (non-condensing)	%	95
	LED display coloured		✓
	Modbus RTU for connection of energy meter (e.g. KSEM)		✓
	Charging mode adjustable via KOSTAL Smart Energy Meter or pushbutton (optional) (charging modes: Power Mode, Solar Pure Mode ¹⁾ , Solar Plus Mode ¹⁾)		✓
Visualisation of the charging data in the KOSTAL Solar Portal possible via KOSTAL Smart Energy Meter		✓	
Warranty (Smart Warranty ²⁾)	years	5	
Guidelines/Certification		CE, IEC 61851-1, DIN IEC / TS 61439-7	

Technical changes and errors excepted. Current information can be found at www.kostal-solar-electric.com.

¹⁾ PV system with energy meter approved by KOSTAL Solar Electric with sharevation code required. Lock Mode (Wallbox locked), Solare Pure Mode PV surplus charging) or Solar Plus Mode (fixed min. charging power with replacement by PV energy).

²⁾ Activate your free warranty (Smart Warranty) now in the KOSTAL Solar online shop (shop.kostal-solar-electric.com). This does not affect your statutory warranty. You will find more information about the service and warranty conditions in the download area for your product.

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