

# 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 thanks to IP54 protection class
- Low standby consumption
- MODBUS RTU for connection of energy meters (e.g. KSEM)
- Optional comfort functions via KOSTAL Smart Energy Meter
- Solar or solar-optimised charging possible<sup>1</sup>
- Performance displays via the KOSTAL Smart Energy Meter web server, KOSTAL Solar Portal and KOSTAL Solar App<sup>1</sup>

## 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		C16
	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 <sup>2</sup>	5 x 2,5...6
	Terminal strip AC - flexible	mm <sup>2</sup>	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		IP54
	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		✓
	Potential-free contact for external authorisation		✓
	Modbus RTU for connection of energy meter (e.g. KSEM)		✓
	Charging mode adjustable via KOSTAL Smart Energy Meter or pushbutton (optional) (charging modes: simple charging, solar charging <sup>1</sup> , solar optimised charging <sup>1</sup> )		✓
Visualisation of the charging data in the KOSTAL Solar Portal possible via KOSTAL Smart Energy Meter		✓	
KOSTAL Smart Warranty / Guarantee <sup>2</sup>	years	5/2	
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](http://www.kostal-solar-electric.com).

<sup>1</sup> PV system with energy meter approved by KOSTAL Solar Electric with sharevaton code required. Solar charging (PV surplus charging) / solar optimised charging (fixed min. charging power with additional PV energy).

<sup>2</sup> KOSTAL Smart Warranty: 5-year warranty only after registration in the KOSTAL Solar Webshop.

# KOSTAL

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