

DATASHEET

HOMEBOX SLIM

GARAGE-READY. FLEET-TOUGH.



DESIGNED FOR



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HomeBox Slim

GARAGE-READY. FLEET-TOUGH.

-  AC Charging up to 22 kW
-  Private Charging
-  Uptime – 99.2%

BECAUSE HOME CHARGING SHOULDN'T BE FLIMSY OR OVERPRICED.

Compact, industrial-grade EV charging station that's built to last. With up to 22 kW of reliable power, it's the affordable, no-fuss charging solution for homes, garages, and private spaces.

KEY FEATURES

- | | |
|---|--|
|  Compact Wall-Mount Design |  Smart Charging Control |
|  Durable Outdoor Housing |  Easy Installation & Use |



HomeBox Slim

TECHNICAL SPECIFICATIONS

Discover the core specs behind HomeBox Slim – designed for smart, space-saving charging at home or work.



GENERAL

Number of Connectors	1
Status Indication	Visual: LED Status Indicator Audio: Buzzer
Architecture	Industrial Components
Max Current per Connector	32 A
Connector Type	Type 2 Socket Type 2 Shutter Socket 4.5 m Straight Cable + Type 2 Connector 5.5 m Straight Cable + Type 2 Connector 6.5 m Straight Cable + Type 2 Connector
Charging Mode	Mode 3
Max Charging Power (kW)	22 kW
Supported Power Systems	TNC-S, TNS, TT
AC Input Power	3 Phase, 400 V/AC, 32 A 3 Phase, 400 V/AC, 16 A 1 Phase, 230 V/AC, 32 A 1 Phase, 230 V/AC, 16 A
AC Output Power	3 Phase, 400 V/AC, 32 A (22 kW) 3 Phase, 400 V/AC, 16 A (11 kW) 1 Phase, 230 V/AC, 32 A (7,4 kW) 1 Phase, 230 V/AC, 16 A (3,7 kW)

USER INTERFACE

User Authentication	RFID, Mobile App, Back-End
User Interface / Installer Interface	Elios Cloud
RFID Type/Standard	ISO 14443A, MIFARE
Status Indication	LED

CONFIGURATION

Software Update	OTA (Over the air)
Control & Configuration	Controlled via Elios Cloud or 3 RD Party Back-End
Operating Altitude (Max)	2000 m
Operating Temperature Range	- 25 °C to + 50 °C
Storage Temperature Range	- 25 °C to + 50 °C
Standby Power Consumption	5 W



MECHANICAL DESIGN

Dimensions (H×W×D)	440 mm x 160 x 130
Weight	2,3 kg
Installation Location	Inside/Outside
Mounting Type	Wall/Pole Mounted
Relative Humidity	0-99%
UV Resistance	Yes
Vandalism Resistance	Yes

ELECTRICAL DESIGN

Connection Terminals Size	3 Phase up to 6 mm² 1 Phase up to 10 mm²
Surge Protection Device (SPD)	Included in the Package (optional)
Load Management	Dynamic Load Management Static Power Balancing Group Balancing over the Cloud Load Balancing Support via OCPP
Energy Meters	MID
Charging Cable Locking	Yes
Overvoltage Category	Category III
Overcurrent Protection	Optional
RCCB Protection	Optional
Short-Circuit Protection	Optional
DC Leakage Protection	RCM (residual current monitoring devices) (6mA DC leakage protection)

ENVIRONMENTAL

IP Class	IP54 for socket version IP55 for integrated cable version
IK Class	IK10
UV Resistance	Yes
Corrosion Resistant	Yes

CONNECTIVITY

Internet Connection Options	WiFi, Ethernet, 4G, Bluetooth
Monitoring/Diagnostics	Elios Cloud, Home app
Remote Maintenance	Yes
Local Configuration	Yes
OCPP	1.6 JSON
OCPP Connection	Remotely via Elios Cloud or via Local Config

STANDARDS/ CERTIFICATES

Compliance	EN IEC 61851-1:2019 EN IEC 61851-21-2:2021
Certification Programs	UDT, etc.
EMI/EMC Compliance	Yes

WARRANTY

Term	5 Years
Extension	-

HomeBox Slim

ADD-ONS

Think HomeBox Slim is already top-tier? Upgrade it. Customize with add-ons that enhance performance, boost convenience, and take your home charging to the next level. Because why settle for standard when you can have more?



CATEGORY	ADD-ON	TYPE	CODE
CONNECTOR OPTIONS	Socket Type 2	E7 / E1 / E2 / G7	T2
	Socket Type 2 + Shutter	E7 / E1 / E2	S2
	Plus 4.5 m Straight Type 2	E7 / E1 / E2 / G7	L4
	Plus 5.5 m Straight Type 2	E7 / E1 / E2 / G7	L5
	Plus 6.5 m Straight Type 2	E7 / E1 / E2 / G7	L6
	Special Socket or Cable Length	E7 / E1 / E2 / G7	SS
USER INTERFACE	LED Indicator	E7 / E1 / E2 / G7	1
PAYMENT TERMINAL	None	E7 / E1 / E2 / G7	X
ELECTRICAL SAFETY	RCM	E7 / E1 / E2 / G7	1
	No RCM Option*		2
	Special	E7 / E1 / E2 / G7	S
MECHANICAL	None	E7 / E1 / E2 / G7	X
	MID Window	E7 / E1 / E2 / G7	1
	Special	E7 / E1 / E2 / G7	S
COMMUNICATION	LAN/ WiFi	E7 / E1 / E2 / G7	1
	4G only	E7 / E1 / E2 / G7	2
	4G + LAN	E7 / E1 / G7	3
	No Internet / No DLM / No APP / No RFID	E7 / E1 / E2	4
	Offline DLM H ready with offline app support / RFID	E7 / E1 / E2	5
	Special	E7 / E1 / E2 / G7	S
SOFTWARE	None	E7 / E1 / E2 / G7	XX
	ISO15118		1
HARDWARE	None	E7 / E1 / E2 / G7	XX
	White Housing, EC Design	E7 / E1 / E2 / G7	WS
	Black Housing, EC Design	E7 / E1 / E2 / G7	BS
	Co-Branding	E7 / E1 / E2 / G7	[CC]
	White + Co-Branding	E7 / E1 / E2 / G7	[WC]
	Black + Co-Branding	E7 / E1 / E2 / G7	[BC]

* Available only when Type B from accessories list selected.
** Available only after EC Product department confirmation

HomeBox Slim

ACCESSORIES

Power is in the details. Enhance, refine, and optimize your HomeBox Slim with accessories designed to make charging smoother, smarter, and even more effortless. Because every great setup deserves the right extras.



COMPATIBLE	CODE	NAME
HS	ACE01	MCB 40 A
HS	ACE02	RCCB Type A 40 A
HS	ACE03	RCCB Type B 40 A
HS	ACE04	MCB 20 A
HS	ACSM1	SIM Card (Manufacturer)
HS	ACSM2	SIM Card (Customer)
HS	ACRF1	RFID Tag
HS	ACDLH	DLM H
HS	ACD01	DLM B CT 300 A
HS	ACD02	DLM B CT 400 A
HS	ACD03	DLM B CT 500 A
HS	ACD04	DLM B CT 600 A
HS	ACD05	DLM B CT 800 A
HS	ACD06	DLM B CT 1000 A
HS	ACD07	DLM B CT 1200 A
HS	ACD08	DLM B CT 1250 A
HS	ACD09	DLM B CT 1600 A
HS	ACD10	DLM B CT 2000 A
HS	ACPO1	Pole for Mounting 1 Charger
HS	ACPO2	Pole for Mounting 2 Chargers
HS	ACSP1	SPD T1+T2+T3

CHARGING,
AS IT SHOULD BE



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