EV Smart Charger electric vehicle charging stations

EV CHARGING STATIONS FOR DOMESTIC APPLIANCES

	COMPACT SERIE	EVO SERIE	
Part number	**EVCOMP7S**	**EVEVO7C**	**EVEVO7S**
Power	3.5-7.4kW	3.5-7.4kW	3.5-7.4kW
Charging mode	MODE 3 CASE B (type 2 socket)	MODE 3 CASE C (5m cable)	MODE 3 CASE B (type 2 socket)
Cable connector / socket		Type 2	
Dimensions (W x H x D)	160x210x126 mm	260x260x100 mm	260x260x100 mm
Weight	2.3 kg	5.00 kg	2.5 kg
Cooling system		Natural air flow	
Mounting	Wall	Wall / Pole	Wall / Pole
TECHNICAL SPECIFICATIONS			
Main voltage	230 V ±15% (monophase)	230 V ±15% (monophase)	230 V ±15% (monophase)
Supply net type	TN/TT/IT (1P+N+T or 2P+T) IT supported only for phase to phase voltage < 240V		
Earth leakage protection	DC Leak (6 mA)		
Start/stop recharge	Plug in to charge	Free access - App control - RFID control - OCPP control	Free access - App control - RFID control - OCPP control
Status indicator	LED indicator (green, red, blue)		
Power metering	No	Electronic measurement	
Connectivity	Wifi (Access Point) Hotspot	Wifi, Ethernet, 4G, Bluetooth	
Power Management	Static (Max power setting by Web App or selector)	Dynamic (with external Power Meter) / Static	
OCPP protocol	No	OCPP 1.6J	
Reporting	Recharge report - Error report		
Integrated protections	Overcurrent protection; Overvoltage protection; Undervoltage protection; Relay over temperature protection; Socket or plug over temperature protection; Cable damage protection; Relay fault protection		
IP degree	IP54	IP65	IP55
IK Protection degree (20°C)	IK10		
Operating temperature	-25°C +50°C	-30°C +50°C	
Operating humidity	⩽95%UR		
ADDITIONAL FEATURES			
Photovoltaic support		Compatible with photovoltaic systems	
Time schedule		Scheduled start/stop charging time	
Dry contact		Remote start/stop charge control	

EV CHARGING STATIONS FOR RESIDENTIAL APPLIANCES WITH PHOTOVOLTAIC PLANT

	EVO SERIE			
Part number	**EVEVO11C**	**EVEVO11S**	**EVEVO22C**	**EVEVO22S**
Power	3.5-11kW (limited at 4kW in 1-phase)	3.5-11kW (limited at 4kW in 1-phase)	3.5-22kW	3.5-22kW
Charging mode	MODE 3 CASE C (5m cable)	MODE 3 CASE B (type 2 socket)	MODE 3 CASE C (5m cable)	MODE 3 CASE B (type 2 socket)
Cable connector / socket	Type 2			
Dimensions (W x H x D)	260x260x100 mm	260x260x100 mm	260x260x100 mm	260x260x100 mm
Weight	5.20 kg	2.70 kg	5.30 kg	2.80 kg
Cooling system	Natural air flow			
Mounting	Wall / Pole	Wall / Pole	Wall / Pole	Wall / Pole
TECHNICAL SPECIFICATIONS				
Main voltage	400 V ±15% (threephase) 230 V ±15% (monophase)	400 V ±15% (threephase) 230 V ±15% (monophase)	400 V ±15% (threephase) 230 V ±15% (monophase)	400 V ±15% (threephase) 230 V ±15% (monophase)
Supply net type	TN/TT/IT (3P+N+T) TN/TT/IT (1P+N+T o 2P+T)			
Earth leakage protection	DC Leak (6 mA)			
Start/stop recharge	Free access - App control - RFID control - OCPP control			
Status indicator	LED indicator (green, red, blue)			
Power metering	Electronic measurement			
Connectivity	Wifi, Ethernet, 4G, Bluetooth			
Power Management	Dynamic (with external Power Meter) / Static			
OCPP protocol	OCPP 1.6J			
Reporting	Recharge report - Error report			
Integrated protections	Overcurrent protection; Overvoltage protection; Undervoltage protection; Relay over temperature protection; Socket or plug over temperature protection; Cable damage protection; Relay fault protection			
IP degree	IP65	IP55	IP65	IP55
IK Protection degree (20°C)	IK10			
Operating temperature	-30°C +50°C			
Operating humidity	≤95%UR			
ADDITIONAL FEATURES				
Photovoltaic support	Compatible with photovoltaic systems			
Time schedule	Scheduled start/stop charging time			
Dry contact	Remote start/stop charge control			

EV CHARGING STATIONS FOR COMMERCIAL AND INDUSTRIAL APPLIANCES




	SERIE PLUS			
Part number	**EVPLUS7C**	**EVPLUS7S**	**EVPLUS22C**	**EVPLUS22S**
Power	3.5-7.4kW	3.5-7.4kW	3.5-22kW	3.5-22kW
Charging mode	MODE 3 CASE C (5m cable)	MODE 3 CASE B (type 2 socket)	MODE 3 CASE C (5m cable)	MODE 3 CASE B (type 2 socket)
Cable connector / socket	Type 2			
Dimensions (W x H x D)	355x650x150 mm	355x650x150 mm	355x650x150 mm	355x650x150 mm
Weight	11 kg	9 kg	12.5 kg	9.5 kg
Cooling system	Integrated fan			
Mounting	Wall / Pole	Wall / Pole	Wall / Pole	Wall / Pole
TECHNICAL SPECIFICATIONS				
Main voltage	230 V ±15% (monophase)	230 V ±15% (monophase)	400 V ±15% (threephase) 230 V ±15% (monophase)	400 V ±15% (threephase) 230 V ±15% (monophase)
Supply net type	TN/TT/IT (1P+N+T o 2P+T)	TN/TT/IT (1P+N+T o 2P+T)	TN/TT/IT (3P+N+T) TN/TT/IT (1P+N+T o 2P+T)	TN/TT/IT (3P+N+T) TN/TT/IT (1P+N+T o 2P+T)
Earth leakage protection	DC Leak (6 mA)			
Start/stop recharge	RFID control - OCPP control			
Status indicator	LED stripe indicator (green, red, blue) Digital Display LED indicators			
Power metering	MID Energy Meter			
Connectivity	Wifi (Client)/Wifi (Access Point) Hotspot RS485 (Pow.Managemnt ext meter) CAN (Load balancing)			
Power Management	Dynamic (with external Power Meter) / Static			
OCPP protocol	OCPP1.6J			
Reporting	Recharge report - Error report			
Integrated protections	Overcurrent protection; Overvoltage protection; Undervoltage protection; Relay over temperature protection; Socket or plug over temperature protection; Cable damage protection; Relay fault protection			
IP degree	IP54			
IK Protection degree (20°C)	IK8	IK8	IK8	IK8
Operating temperature	-25°C +50°C			
Operating humidity	≤95%UR			

ACCESSORIES

WEB APP (Compact and Plus Series)

To control the parameters of the COMPACT and PLUS series stations via local WiFi (point-to-point).
Standard on all models.

APP (EVO Series)

To control the parameters of the EVO series stations in BT via the Cabur EV EVO App.
Standard on all models.

TYPE 2 CORD SET MONO/THREEPHASE

EVCP3T2B32AM0500
EVCP1T2B32AM0500
EVCP3T2B32AM0800

The 5m three-phase cord set can be used for both single-phase and three-phase EV Smart Chargers. Also available in single-phase version and 8m three-phase version.

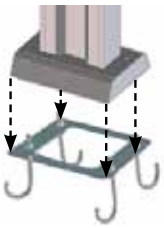
RFID Card

EVRFIDCARD

For the PLUS and EVO series, to start and stop charging easily and safely, and to manage and account the charging sessions. If lost, a replacement card can be reconfigured.

STAND

PLUS serie	EVO serie
EVSTD	**EVEVOSTD**
Pole to install 1 or 2 EVPLUS series charging stations. Dimentions: 30 x 22 x 146 cm	Pole to install 1 or 2 EVEVO series charging stations. Dimentions: 26 X 22 X 125 cm



FRAME FOR CONCRETE PLINTH

PLUS serie	EVO serie
EVSTDFRAME	**EVEVOFRAME**

Metal bracket to anchor the stand to a concrete base.

DIGITAL MONOPHASE ENERGY METER

EVDDSU6661PH

DIGITAL THREEPHASE ENERGY METER

EVDTSU6663PH

By coupling an external Meter to an EVO series or PLUS series station it is possible to activate the POWER MANAGEMENT function, dynamic management of domestic loads to avoid disconnection of the power supply line. On the EVO series the same Energy Meter is also required to activate the functions for photovoltaic systems. Max measurement 80 A per phase.

CUSTOM COVER UPON REQUEST

CURRENT TRANSFORMER

EVTAK016F8

Digital Current Transformer for EVO series, Max measurement 200 A, with integrated 10 m data cable, to be used as an alternative to the Energy Meter for high currents.

CABUR EV NET

EV REMOTE CONTROL

EV NET THE CABUR BACK END FOR CHARGING STATIONS EVO SERIES AND PLUS SERIES

- Add charging stations to your net
- Set your charging service tariff for billing (on-line payment not included)
- Enable RFID cards and define their authorisation level
- Read charge report date/time/user/energy

CABUR EV NET

RESIDENTIAL USE

- Max power setting from 6A to 32A in point-to-point connection via mobile phone
- Power Management for the EVO and PLUS series
- Wall or double-sided pole mounting, with type 2 socket or 5m cable, for the EVO and PLUS series

POWER MANAGEMENT FOR DYNAMIC LOAD CONTROL

RESIDENTIAL WITH PHOTOVOLTAIC PLANTS

- **ECO** to exploit all available sun power only
- **ECO PLUS** to exploit the photovoltaic energy by adding a limited power from the supply net only when necessary
- **FAST** to charge from the photovoltaic source adding the maximum available power from your electricity grid

3 SETTING MODES

MULTIFAMILY - WORKPLACE - TERTIARY - FLEET - PARKING

- Charge energy measurement - kWh
- Load Balancing between multiple stations
- Remote reading Cabur EV NET cloud service

CABUR EV NET ON-LINE STATION'S MONITORING