

EV charge controller, EcoStruxure EV Charging Expert, 15 charging stations, dynamic charge management

HMIBSCEA53D1EDS

Main

Range	EcoStruxure EV Charging Expert	
product name	EcoStruxure EV Charging Expert	
Product or component type	EV charge controller	
type of installation	Indoor	

Complementary

Complementary		
Installed device	Modem 3G/4G (to be ordered separately) Meter device (to be ordered separately)	
Range compatibility	EVlink EVlink Smart Wallbox EVlink EVlink parking EVlink EVlink City	
Device application	To manage the overall energy allocated to each vehicle	
Mounting mode	Wall mount	
Mounting support	Rail	
Mounting position	Horizontal/vertical	
load management	Dynamic	
max managed charging stations	15 charging stations	
max managed charging points	30 charge points	
max nb of zone levels	2	
max nb of zones	2	
functions selection	Without priority charging profile With time-of-use settings	
Communication interface	Ethernet RJ45 to connect device to charging station Ethernet RJ45 Cat.6 to connect device to charging station Modem to connect device to central management system	
Communication service	Web server for OCPP 1.6 Via Modem	
OCPP version	JSON	
[Us] rated supply voltage	1224 V DC	
Power consumption in W	16 W	
Input type	Energy meter	
Electromagnetic compatibility	Conducted and radiated emissions class A conforming to EN 55022	
Height	150 mm	
Width	157 mm	
Depth	46 mm	

Product weight	1 kg	
Standards	EN/IEC 61131-2 EN 55011 EN/IEC 61000-6-4	
Product certifications	CE EAC RCM	
Targeted country	All	
Services	Commercial service plan 050 °C	

Environment

IP degree of protection	IP40
Ambient air temperature for operation	050 °C
Ambient air temperature for storage	-2060 °C
Operating altitude	02000 m
relative humidity	10 95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	22.0 cm
Package 1 Length	32.5 cm
Package 1 Weight	1.408 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	9.244 kg



Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability

Use Better

Materials and Packaging	
SCIP Number	3fe7d895-f8a3-452a-ad75-1d17e7e6e6eb
China RoHS Regulation	China RoHS declaration
Use Again	
Use Again Control Repack and remanufacture	