



SMART EV CHARGER

X1-EVC-7.2K | X3-EVC-11K | X3-EVC-22K



CN: 400 150 9788
AU: +61 1300 476529
DE: +49 (0) 6142 4091664
UK: +44 2476 586998
info@solaxpower.com

PL: +48 6624 30292
NED: +31 (0) 852 737932
ES: +34 683 197 401
TR: +90 (216) 622 58 00 (pbx)
service@solaxpower.com

*V1.0. Information may be subject to modify without notice. 650.00056.00



www.solaxpower.com



Features

- Plug or socket outlet selectable
- Integrated current failure monitoring (30mA AC & 6mA DC)
- Integrated with PEN protection and no earth rod
- Encrypted communication based on TLS
- Indoor and outdoor easy installation
- Form an intelligent photovoltaic, storage and EV charging energy system through the communication between the smart EV charger and SolaX inverter.
- Capable with 100% green energy generated from your solar or wind generation.
- Integrated RFID function
- Remote setting and monitoring with APP and website
- Smart dynamic load balance control
- Set timers to reduce your cost during peak and valley price

Specification	Model	X1-EVC-7.2K	X3-EVC-11K	X3-EVC-22K
AC Nominal Input	Phases/Lines	Single phase	Three phase	Three phase
	Voltage [V]	230; 1/N/PE	230/400; 3/N/PE	230/400; 3/N/PE
	Frequency [Hz]	50/60; ±5	50/60; ±5	50/60; ±5
AC Nominal Output	Voltage [V]	230; 1/N/PE	230/400; 3/N/PE	230/400; 3/N/PE
	Current [A]	32	16	32
	Power [kW]	7.2	11	22
Interface	Wireless Module		Wi-Fi 2.4GHz	
	Ethernet		10/100M	
	RS485		YES	
	RFID		YES	
	OCPP 1.6 (JSON)		YES	
	LCD Screen		Optional	
	CT Clamps	x1	x3	x3
	Housing Material		Plastic/Metal	
	Installation Method		Wall-mount/ Pedestal-mount (Optional)	
	Wall-mount Bracket		Yes	
General Data	Charging Outlet		Type P(Charging cable with plug)/Type S(Socket-outlet)	
	Cable Length [m]		6.5 (Type P)	
	Operating Temperature [°C]		-30 ~ 50	
	Working Humidity [%]		5%~95% without condensation	
	Working Altitude [m]		<2000	
	Degree of Protection		IP65	
	Impact Resistant		IK10(Housing)/IK08(LCD screen)	
	Application Site		Indoor/Outdoor	
	Cooling Concept		Natural cooling	
	Dimension(WxHxD) [mm]		249*370*155(for type S)/265*370*155(for type P)	
Security Protection	Net Weight [kg]		7(for type S)/10.5(for type P)	
	Multiple Protection		Over/Under voltage protection,Overload protection,Shortcircuit protection, Current leakage protection,Grounding protection,Surge protection, Overtemperature protection	
Security Protection	Integral Earth Leakage Protection		Integrated current failure monitoring (30mA AC & 6mA DC)	
	Built-in PEN fault technology®		According to BS 7671:2018 requirements	
	Safety Standard		IEC 61851-1:2017, IEC 62196-2:2016	
	Encrypted Communication		TLS	
	Certification		CE, UKCA, LVD, EMC, RED	

① Only for chargers sold in the UK region



SolaX EVC cable Type2-Type2

Features

- Conform to the requirements of IEC62196-2.
- High flame retardant grade.
- Long mechanical life withstand over 10000 times mating cycles.
- Support for indoor and outdoor charging.
- Ergonomic design for easy plug.
- Rubber coating for more comfortable touch.

Technical Specification

Model	EVC Cable
Rated Current [A]	16 / 32
Rated Voltage [V]	250 / 480
Power [kW]	3.7 / 11 / 7.4 /22
No. of phase	One phase, Three phase
Standard	IEC 62196-2
Cable Length [m]	7.5
Protection Degree	IP55
Operating temperature [°C]	-30-50
Warranty [years]	1

SolaX EVC Pedestal

Features

- Designed for SolaX EVC series
- Easy to install
- Weather & corrosion resistant
- Installation accessories included

Technical Specification

Model	EVC Pedestal
Dimension(mm)	140x60x1400
Weight(kg)	6.8
Color	White

