Data Sheet

Solax Smart EV Charger

Smart
EV Charger

Smart EV Charger

X1-EVC7.2K
X3-EVC11K/X3-EVC22K

Advantages :

- Plug or socket outlet selectable
- Built-in 30mA type A RCD and 6mA DC protection
- 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 solaxpower 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

![SolaX Power logo]

Smart EV Charger

Specification	Model	X1-EVC7.2K	X3-EVC11K	X3-EVC22K
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		
	RS485	YES		
	RFID	YES		
	OCPP 1.6 (JSON)	Optional		
	LCD Screen	Optional		
	CT Clamps	x1	x3	x3
General Data	Housing Material	Plastic/Metal		
	Installation Method	Wall-mount		
	Wall-mount Bracket	Yes		
	Charging Outlet	Type P(Charging cable with plug)/Type S(Socket-outlet)		
	Cable Length [m]	6.5		
	Operating Temperature [°C]	-30 ~ 50		
	Working Humidity [%]	5%~95% without condensation		
	Working Altitude [m]	<2000		
	Degree of Protection	IP65		
	Application Site	Indoor/Outdoor		
	Cooling Concept	Natural cooling		
	Dimension(WxHxD) [mm]	249*370*155(for type S)/265*370*155(for type P)		
	Net Weigth [kg]	7(for type S)/10.5(for type P)		
Security Protection	Multiple Protection	Over/Under voltage protection,Overload protection,Shortcircuit protection, Current leakage protection,Grounding protection,Surge protection, Overtemperature protection		
	Integral Earth Leakage Protection Integral	30mA Type A RCD (EN 61008) + 6mA DC protection (EN 62955)		
	Encrypted Communication	TLS		
	Safety Standard	IEC 61851-1:2017, IEC 62196-2:2016		
	Built-in PEN fault technology	YES		
	Warranty [years]	3 (5 optional)		

SOLUTION DESIGN

PV

Battery

Home Loads

EV Charger

CT

Grid