

# Smart EV Charger



## Advantages :

- Plug or socket outlet selectable
- Integrated current failure monitoring (30mA AC & 6mA DC)
- Integrated with PEN protection and no earth rod<sup>®</sup>
- 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

## Smart EV Charger

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

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### Contact Us for More Informations

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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
General Data	Housing Material		Plastic/Metal	
	Installation Method		Wall-mount/ Pedestal-mount (Optional)	
	Wall-mount Bracket		Yes	
	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		IK08	
	Application Site		Indoor/Outdoor	
	Cooling Concept		Natural cooling	
	Dimension(WxHxD) [mm]		249*370*155(for type S)/265*370*155(for type P)	
Net Weighth [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		Integrated current failure monitoring (30mA AC & 6mA DC)	
	Built-in PEN fault technology <sup>①</sup>		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

