

# Smart EV Charger



## X1-EVC

7.2kW

## X3-EVC

11kW / 22kW



### High Performance

- Capable of 100% green energy
- Smart dynamic load balance control
- Timers to reduce costs during peak and valley pricing



### Assured Safety

- Integrated current failure monitoring (30mA AC & 6mA DC)
- Integrated PEN protection, no earth rod
- Encrypted communication (TLS)



### Intelligent Design

- Integrated RFID function
- APP/website remote monitoring
- Indoor and outdoor easy installation



### Flexible Adaptability

- Plug or socket outlet selectable
- Compatible with SolaX inverter
- Suitable for energy storage solutions

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

AC Nominal Input			
Phases/Lines	Single phase	Three phase	Three phase
Voltage	1 / N / PE, 230 V	3 / N / PE, 230 / 400 V	3/N/PE, 230 / 400 V
Frequency	50 ± 5 Hz / 60 ± 5 Hz	50 ± 5 Hz / 60 ± 5 Hz	50 ± 5 Hz / 60 ± 5 Hz
AC Nominal Output			
Voltage	1 / N / PE, 230 V	3 / N / PE, 230 / 400 V	3/N/PE, 230 / 400 V
Current	32 A	16 A	32 A
Power	7.2 kW	11 kW	22 kW
Interface			
Wireless Module	Wi-Fi 2.4GHz		
Ethernet	10/100 M		
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	6.5 m (Type P)		
Operating Temperature	-30°C ~ 50°C		
Working Humidity	5%~95% without condensation		
Working Altitude	< 2000 m		
Degree of Protection	IP65		
Impact Resistant	IK10 (Housing) / IK08 (LCD screen)		
Application Site	Indoor / Outdoor		
Cooling Concept	Natural cooling		
Dimension (WxHxD)	249*370*155 mm (for type S) / 265*370*155 mm (for type P)		
Net Weight	7 kg (for type S) / 10.5 kg (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

## Solution Design

