EV Charger



SMART EV CHARGER

X1-EVC

7.2kW

X3-EVC

11kW / 22kW

High Efficiency

- Capable of 100% green energy
- Maximizes surplus green energy utilization in a zero-export system

Assured Safety

- Current leakage protection (30mA AC & 6mA DC)
- Smart dynamic load balance control

Intelligent Design

- Smart RFID management function
- Smart APP remote control

Flexible Adaptability

- Selectable plug or socket outlet
- Easy indoor and outdoor installation

	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 ~ 50°C		
Working humidity	5 ~ 95% RH (non-condensing)		
Working altitude	＜2000 m		
Degree of protection	IP65		
Impact resistant	IK10 (Housing) / IK08 (LCD screen)		
Application site	Indoor / Outdoor		
Cooling concept	Natural cooling		
Dimension (W × H × D)	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)		
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 technology①	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

