



# 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
- 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  |                 |
|                                   | RS485                         |  | YES   |                 |
|                                   | RFID                          |  | YES   |                 |
|                                   | OCPP 1.6 (JSON)               |  | Optional  |                 |
|                                   | LCD Screen                    |  | Optional  |                 |
|                                   | CT Clamps                     | x1   | x3  | x3              |
|                                   | Housing Material              |  | Plastic/Metal   |                 |
| General Data                      | 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 (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 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 |                               | Integrated current failure monitoring (30mA AC & 6mA DC) |   |                 |
|                                   | Encrypted Communication       | TLS  |   |                 |
|                                   | Safety Standard               | IEC 61851-1:2017, IEC 62196-2:2016                       |   |                 |
|                                   | Built-in PEN fault technology | YES  |   |                 |
|                                   | Warranty [years]              | 3 (5 optional)   |   |                 |

