



NEW FROM SOLAX

# Hyper EV Charger



**X1-HAC-7**

**X3-HAC-11**

**X3-HAC-22**

## Features

- **Green charging**  
Integration in new and existing PV systems to charge green energy
- **Automatic phase switching**  
Automatic switch between one phase and three phase for maximum utilization of green energy
- **Interoperability**  
Support multiple communication protocols to improve interoperability
- **Dynamic load balance**  
Realtime monitoring and adjusting to ensure safety
- **Smart APP control**  
Smart control and monitoring via Solax APP
- **Easy installation**  
3 step to complete installation, easy and fast

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### Contact Us for More Informations

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# Hyper EV Charger

| Specification             | Model                             | X1-HAC-7                                                                                                                                                                | X3-HAC-11                         | X3-HAC-22                         |
|---------------------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------------------------------|
| AC Nominal Input          | Voltage [V]                       | 230                                                                                                                                                                     | 400                               | 400                               |
|                           | Frequency [Hz]                    | 50/60                                                                                                                                                                   | 50/60                             | 50/60                             |
|                           | Grid Earth Type                   | TN, TT, IT                                                                                                                                                              | TN, TT                            | TN, TT                            |
| AC Nominal Output         | Voltage [V]                       | 230                                                                                                                                                                     | 400                               | 400                               |
|                           | Current [A]                       | 6-32(single phase)                                                                                                                                                      | 6-16(single phase or three phase) | 6-32(single phase or three phase) |
|                           | Power [kW]                        | 1.4-7.2                                                                                                                                                                 | 1.4-11                            | 1.4-22                            |
| Interface & Communication | Communication interface           | WiFi/Ethernet/4G(Optional)RS485                                                                                                                                         |                                   |                                   |
|                           | Protocol                          | OCPP 1.6j, Modbus TCP, Modbus RTU, Cloud API                                                                                                                            |                                   |                                   |
|                           | Communcate with vehicle           | IEC 61851-1, ISO 15118 (Optional)                                                                                                                                       |                                   |                                   |
|                           | Authentication                    | Plug&Charge/RFID(ISO-14443-A)/APP                                                                                                                                       |                                   |                                   |
|                           | MID meter                         | External(Optional)                                                                                                                                                      |                                   |                                   |
|                           | HMI                               | RGB LED / APP / LCD(Optional)                                                                                                                                           |                                   |                                   |
|                           | Remote control                    | APP&Web                                                                                                                                                                 |                                   |                                   |
|                           | Application                       | Residential/Destination place/Public                                                                                                                                    |                                   |                                   |
| General Data              | Housing material                  | PC                                                                                                                                                                      |                                   |                                   |
|                           | Installation method               | Wall/Pedestal(optional)                                                                                                                                                 |                                   |                                   |
|                           | Charging outlet                   | Type P(Charging cable with plug)/Type S(Socket-outlet)                                                                                                                  |                                   |                                   |
|                           | Cable length(m)                   | 6.5(Type P)                                                                                                                                                             |                                   |                                   |
|                           | Operating Temperature(°C)         | -30~50                                                                                                                                                                  |                                   |                                   |
|                           | Storage Temperature(°C)           | -40~60                                                                                                                                                                  |                                   |                                   |
|                           | Working humidity(%)               | 5%~95% without condensation                                                                                                                                             |                                   |                                   |
|                           | Working altitude(m)               | 2000                                                                                                                                                                    |                                   |                                   |
|                           | Degree of Protection              | IP65/IK08                                                                                                                                                               |                                   |                                   |
|                           | Cooling method                    | Nature cooling                                                                                                                                                          |                                   |                                   |
|                           | Application site                  | Indoor/Outdoor                                                                                                                                                          |                                   |                                   |
|                           | Weight [kg]                       | 3.4 (For socket type)                                                                                                                                                   | 6.5 (For Plug type)               |                                   |
|                           | Dimension(WxHxD) [mm]             | 392*208*139                                                                                                                                                             |                                   |                                   |
| 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)                                                                                                                |                                   |                                   |
|                           | Cable protection                  | Cable Lock (APP control)                                                                                                                                                |                                   |                                   |
|                           | Relay protection                  | Relay weld detection                                                                                                                                                    |                                   |                                   |
|                           | Built-in PEN fault technology     | According to BS 7671:2018 requirements*                                                                                                                                 |                                   |                                   |
|                           | Standard                          | IEC 61851-1:2017, IEC 62196-2:2016                                                                                                                                      |                                   |                                   |

\*Only for chargers sold in the UK region

