



NEW FROM SOLAX

Smart EV Charger G2



X1-HAC-4

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**
Optimized installation method, easy and fast

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Smart EV Charger G2

Specification	Model	X1-HAC-4	X1-HAC-7	X3-HAC-11	X3-HAC-22
AC Nominal Input	Voltage [V]	230	230	400	400
	Frequency [Hz]	50/60	50/60	50/60	50/60
	Grid Earth Type	TN, TT, IT	TN, TT, IT	TN,TT,IT	TN,TT,IT
AC Nominal Output	Voltage [V]	230	230	400	400
	Current [A]	6-20 (single phase)	6-32 (single phase)	6-16 (single phase or three phase)	6-32 (single phase or three phase)
	Power [kW]	1.4-4.6	1.4-7.2	1.4-11	1.4-22
Interface & Communication	Communication interface	WiFi/Ethernet/4G(Optional)/RS 485*2			
	Protocol	OCPP 1.6j, Modbus TCP, Modbus RTU, Cloud API			
	Communicate	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		Type2 Plug/Type2 Socket (IEC 62196)			
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 (For plug type)/IP54 (For socket type) IK10 (Housing)/IK08(Screen)			
Cooling method		Nature cooling			
Application site		Indoor/Outdoor			
Weight [kg]		5 for Plug Type	3 for Socket Type 5 for Plug Type	3 for Socket Type 6.5 for Plug Type	3 for Socket Type 6.5 for Plug Type
Dimension(WxHxD) [mm]		390x206x139			
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

