



A SERIES

EV CHARGER



SOCKET VERSION



PLUG VERSION

- | | | |
|---------|-------|--------------|
| • A7300 | 7.3kW | SINGLE-PHASE |
| • A011K | 11kW | THREE-PHASE |
| • A022K | 22kW | THREE-PHASE |



ROBUST DURABILITY

IP65 and IK08 protection for reliable performance.



SMART CONNECTIVITY

Connect via Bluetooth, Wi-Fi, 4G, or Ethernet.



FLEXIBLE INTEGRATION

OCPP 1.6JSON or 2.0.1 compliant with an open MODBUS interface.



ADVANCED TECHNOLOGY

V2G Hardware-ready (ISO 15118) with dynamic load balancing.



SCHEDULED TIME CHARGING

Set the charging time as you wish.



RENEWABLE ENERGY COMPATIBILITY

Direct surplus solar power for EV charging.

TECHNICAL SPECIFICATIONS

MODEL	A7300P1-E-B	A011KP1-E-B	A022KP1-E-B	A7300S1-E-B	A011KS1-E-B	A022KS1-E-B
				A7300S1-T2S-B	A011KS1-T2S-B	A022KS1-T2S-B
AC INPUT						
Wiring Scheme	L/N/PE	3L/N/PE	3L/N/PE	L/N/PE	3L/N/PE	3L/N/PE
Rated Input Voltage [Vac]	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Rated Input AC Current [A]	32	16	32	32	16	32
Rated Input Frequency [Hz]	50/60					
Standby Power Consumption [W]	≤10					
AC OUTPUT						
Max. AC Power [kW]	7.3	11	22	7.3	11	22
Rated Output AC Current [A]	32	16	32	32	16	32
Power Accuracy [%]	≤2					
PROTECTION						
Electrical Protection	Over/Under Voltage Protection, Overcurrent Protection, Leakage Current, Ground Protection, Surge Protection, Overtemperature Protection, Tamper Protection, PEN					
Environmental Protection	Salt-mist-resistant, UV-resistant Treatment					
GENERAL DATA						
Connector Type	IEC 62196 Type 2 Cable, Type 2 Socket, Type 2 Socket With Shutter					
Bluetooth	Yes					
Wifi (2.4GHz)	Yes					
Ethernet (RJ45)	Yes					
OCPP 1.6 JSON or OCPP 2.0.1	Yes					
4G LTE	Optional, SIM Card Size: Micro-SIM (3FF)					
Communication with the vehicle	Optional, ISO 15118 ready					
RFID Reader	Mifare ISO/IEC 14443 A					
Start Mode	Plug&Charge/RFID Card/App					
Installation	Wall-mount / Post-mount					
Operating Temperature Range [°C]	-30 ~ +50					
Storage Temperature [°C]	-40 ~ +70					
Operating Humidity [%]	5 ~ 95 (No condensation)					
Operating Altitude [m]	<2000					
Dimensions (W*H*D) [mm]	320*190*130			320*190*144.5		
Net Weight [kg]	≤6.3			≤3.2		
Charging Cable Length [m]	6			/		
IP Protection Rating	Body-IP65, Socket-IP55					
IK Protection Rating	IK08					
Residual Current Detection*	AC 30mA+ DC 6 mA					
Cooling	Self Cooling					
EMC	Class B					
Certification	CE/CB/UKCA/RCM					
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021					

*Internal RCD-DD meets the trip time characteristics specified in IEC 62955

*External RCCB is required

*Select Type A or Type B according to local regulations



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DURABILITY

IP55 and IK08 protection.



OCPP-COMPLIANT

OCPP1.6J or OCPP2.0.1



DYNAMIC LOAD BALANCE

Dynamic adjustment of charging power.



SOLAR LINKAGE

PV power can be used directly.



SCHEDULED TIME CHARGING

Set the charging time as you wish.



MULTIPLE CONNECTIVITY OPTIONS

Bluetooth, WiFi, 4G, Ethernet.

TECHNICAL SPECIFICATIONS

MODEL	A7300P1-E1	A7300P1-E-2	A011KP1-E-2	A022KP1-E-2	A7300P1-E-A	A011KP1-E-A	A022KP1-E-A
TYPE	CHARGING PLUG						
INPUT							
Wiring Scheme	1P+N+PE	1P+N+PE	3P+N+PE	3P+N+PE	1P+N+PE	3P+N+PE	3P+N+PE
Voltage [Vac]	230±20%	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Maximum Current [A]	32	32	16	32	32	16	32
Frequency [Hz]	50/60						
OUTPUT							
Voltage [Vac]	230±20%	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Maximum Current [A]	32	32	16	32	32	16	32
Rated Power [kW]	7.3	7.3	11	22	7.3	11	22
USER INTERFACE & CONTROL							
Connector Type	Type 2 plug						
RFID Reader	Mifare ISO/IEC 14443 A						
Start Mode	Plug&Charge/RFID card/APP						
COMMUNICATION							
Bluetooth	Yes	Yes	Yes	Yes	Yes	Yes	Yes
WiFi	Yes	Yes	Yes	Yes	Optional	Optional	Optional
OCPP 1.6 or 2.0	NO	Optional	Optional	Optional	Optional	Optional	Optional
4G	NO	Optional	Optional	Optional	Optional	Optional	Optional
LAN	NO	NO	NO	NO	YES	YES	YES
ENVIRONMENT							
Installation	Wall-mount / Post-mount						
Operating Temperature [°C]	-30 ~ 50						
Operating Humidity [%]	5 ~ 95 , No condensation						
Operating Altitude [m]	≤2000						
DIMENSION AND WEIGHT							
Product Dimension (W*H*D) [mm]	320*190*130						
Product Weight [kg]	5.6						
SAFETY							
IP protection rating	IP55						
IK protection rating	IK08						
Residual Current Detection*[mA]	DC 6						
Electrical Protection	Over current protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection						
EMC	Class B						
Certification	CE/UKCA						
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021						

*Internal RCD-DD meets the trip time characteristics specified in IEC 62955.

*External RCCB is required.

*Select Type A or Type B according to local regulations.



A SERIES

EV CHARGER



SHUTTER VERSION

• A7300	7.3kW	SINGLE-PHASE
• A011K	11kW	THREE-PHASE
• A022K	22kW	THREE-PHASE



DURABILITY

IP55 and IK08 protection.



OCPP-COMPLIANT

OCPP1.6J or OCPP2.0.1



DYNAMIC LOAD BALANCE

Dynamic adjustment of charging power.



SOLAR LINKAGE

PV power can be used directly.



SCHEDULED TIME CHARGING

Set the charging time as you wish.



MULTIPLE CONNECTIVITY OPTIONS

Bluetooth, WiFi, 4G, Ethernet.

TECHNICAL SPECIFICATIONS

MODEL	A7300S1-E-2	A011KS1-E-2	A022KS1-E-2	A7300S1-E-A	A011KP1-E-A	A022KS1-E-A
TYPE	CHARGING SOCKET					
INPUT						
Wiring Scheme	1P+N+PE	3P+N+PE	3P+N+PE	1P+N+PE	3P+N+PE	3P+N+PE
Voltage [Vac]	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Maximum Current [A]	32	16	32	32	16	32
Frequency [Hz]	50/60					
OUTPUT						
Voltage [Vac]	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Maximum Current [A]	32	16	32	32	16	32
Rated Power [kW]	7.3	11	22	7.3	11	22
USER INTERFACE & CONTROL						
Connector Type	Type 2 socket with shutter					
RFID Reader	Mifare ISO/IEC 14443 A					
Start Mode	Plug&Charge/RFID card/APP					
COMMUNICATION						
Bluetooth	Yes	Yes	Yes	Yes	Yes	Yes
WiFi	Yes	Yes	Yes	Optional	Optional	Optional
OCPP 1.6 or 2.0	Optional	Optional	Optional	Optional	Optional	Optional
4G	Optional	Optional	Optional	Optional	Optional	Optional
LAN	NO	NO	NO	YES	YES	YES
ENVIRONMENT						
Installation	Wall-mount / Post-mount					
Operating Temperature [°C]	-30 ~ 50					
Operating Humidity [%]	5 ~ 95 , No condensation					
Operating Altitude [m]	≤2000					
DIMENSION AND WEIGHT						
Product Dimension (W*H*D) [mm]	320*190*144.5					
Product Weight [kg]	2.5					
SAFETY						
IP protection rating	IP55					
IK protection rating	IK08					
Residual Current Detection*[mA]	DC 6					
Electrical Protection	Over current protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection					
EMC	Class B					
Certification	CE/UKCA					
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021					

*Internal RCD-DD meets the trip time characteristics specified in IEC 62955.

*External RCCB is required.

*Select Type A or Type B according to local regulations.



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EV CHARGER



SOCKET VERSION

• A7300	7.3kW	SINGLE-PHASE
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• A022K	22kW	THREE-PHASE



DURABILITY

IP55 and IK08 protection.



OCPP-COMPLIANT

OCPP1.6J or OCPP2.0.1



DYNAMIC LOAD BALANCE

Dynamic adjustment of charging power.



SOLAR LINKAGE

PV power can be used directly.



SCHEDULED TIME CHARGING

Set the charging time as you wish.



MULTIPLE CONNECTIVITY OPTIONS

Bluetooth, WiFi, 4G, Ethernet.

TECHNICAL SPECIFICATIONS

MODEL	A7300S1-E1	A7300S1-E-2	A011KS1-E-2	A022KS1-E-2	A7300S1-E-A	A011KS1-E-A	A022KS1-E-A
TYPE	CHARGING SOCKET						
INPUT							
Wiring Scheme	1P+N+PE	1P+N+PE	3P+N+PE	3P+N+PE	1P+N+PE	3P+N+PE	3P+N+PE
Voltage [Vac]	230±20%	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Maximum Current [A]	32	32	16	32	32	16	32
Frequency [Hz]	50/60						
OUTPUT							
Voltage [Vac]	230±20%	230±20%	400±20%	400±20%	230±20%	400±20%	400±20%
Maximum Current [A]	32	32	16	32	32	16	32
Rated Power [kW]	7.3	7.3	11	22	7.3	11	22
USER INTERFACE & CONTROL							
Connector Type	Type 2 socket						
RFID Reader	Mifare ISO/IEC 14443 A						
Start Mode	Plug&Charge/RFID card/APP						
COMMUNICATION							
Bluetooth	Yes	Yes	Yes	Yes	Yes	Yes	Yes
WiFi	Yes	Yes	Yes	Yes	Optional	Optional	Optional
OCPP 1.6 or 2.0	NO	Optional	Optional	Optional	Optional	Optional	Optional
4G	NO	Optional	Optional	Optional	Optional	Optional	Optional
LAN	NO	NO	NO	NO	YES	YES	YES
ENVIRONMENT							
Installation	Wall-mount / Post-mount						
Operating Temperature [°C]	-30 ~ 50						
Operating Humidity [%]	5 ~ 95 , No condensation						
Operating Altitude [m]	≤2000						
DIMENSION AND WEIGHT							
Product Dimension (W*H*D) [mm]	320*190*144.5						
Product Weight [kg]	2.5						
SAFETY							
IP protection rating	IP55						
IK protection rating	IK08						
Residual Current Detection*[mA]	DC 6						
Electrical Protection	Over current protection, Ground protection, Surge protection, Over/Under voltage protection, Over temperature protection						
EMC	Class B						
Certification	CE/UKCA						
Certification Standard	EN/IEC 61851-1: 2019, EN/IEC 61851-21-2: 2021						

*Internal RCD-DD meets the trip time characteristics specified in IEC 62955.

*External RCCB is required.

*Select Type A or Type B according to local regulations.