FOX ESS

DATASHEET

A SERIES

EV CHARGER





PLUG 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	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.