FOX ESS

DATASHEET

L SERIES

EV CHARGER





- L07P 7.3kW SINGLE-PHASE
- L11P 11kW THREE-PHASE

DURABILITY

IP55 and IK08 protection.

SIMPLE INSTALLATION

Bottom entry Back entry Compatible.

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.

FLEXIBLE INTEGRATION

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

TECHNICAL SPECIFICATIONS

MODEL	L07P	L11P
TYPE	CHARGING PLUG	CHARGING PLUG
INPUT		
Wiring Scheme	1P+N+PE	3P+N+PE
Voltage [Vac]	230±20%	400±20%
Maximum Current [A]	32	16
Frequency [Hz]	50/60	
OUTPUT		
Voltage [Vac]	230±20%	400±20%
Maximum Current [A]	32	16
Rated Power [kW]	7.3	11
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	
Wifi (2.4GHz)	Yes	
Ethernet (RJ45)	Yes	
OCPP 1.6 JSON or OCPP 2.0.1	Yes	
ENVIRONMENT		
Installation	Wall-mount / Post-mount	
Operating Temperature [°C]	-25 ~ 50	
Operating Humidity [%]	5 ~ 95 , No condensation	
Operating Altitude [m]	≤2000	
GENERAL DATA		
Product Dimension (W*H*D) [mm]	197*196*105	
Product Weight [kg]	3.6	4.04
Charging Cable Length [m]	5 (Standard), 6 (Optional)	
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.