FIMER

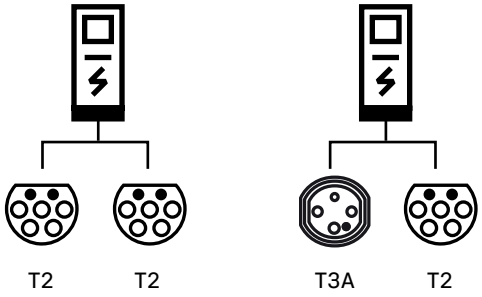
FIMER FLEXA
AC Station

FIMER FLEXA AC Station is designed for all application fields, from residential to C&I, from corporate to public parking.

Up to 2x22 kW

The FIMER FLEXA AC Stations are designed for robustness and ease of operation, in compliance with IEC 61851-1.

FIMER FLEXA AC Station is the perfect solution for every application field, from residential to C&I, from corporate to public parking. It offers different configurations depending on connectivity (Models: Stand Alone, Local Controller, Future Net) and power (2x22kW or 22+3.7 kW) with the possibility to charge up to two electric vehicles simultaneously.



Robust
Stainless steel casing, IP54, IK10

Complete
Includes all protections, monitoring and diagnostic systems

Versatile
You can choose between different models for Plug-in operation or with authentication via RFID or via backend (OCPP 1.5 and 1.6 Json)

Customizable
You can customize the colors, display graphics and add stickers with your logo.

SuperCap
Reliable and competitive solution allowing transaction closure and cable release in case of blackout.

Simple
Easy installation and maintenance.

FIMER FLEXA AC Station Stand Alone

The Stand Alone model is the competitive solution that integrates Plug-in functionality to guarantee an easy and quick charge of the electric vehicle.
Key features:

Plug-in

LED status

FIMER FLEXA AC Station Local Controller

The Local Controller model integrates the possibility of programming RFID cards in full autonomy to provide local control of access to the charging service.
Key features:

RFID (local)

LED status

OLED display 2x20

FIMER FLEXA AC Station Future Net

The Future Net model adds connectivity to the station by allowing connection to a backend, enabling charging service management.
Key features:

OCPP

RFID (MSP)

4.3" TFT display

LED status

Technical data

FIMER FLEXA AC Station model	Stand Alone		Local Controller		Future Net	
Socket type	**T2-T2**	**T2-T3A**	**T2-T2**	**T2-T3A**	**T2-T2**	**T2-T3A**
Standard	IEC61851-1					
Charging method	Mode 3					
Maximum power per socket	22 kW	22 kW for T2 3.7 kW for T3A	22 kW	22 kW for T2 3.7 kW for T3A	22 kW	22 kW for T2 3.7 kW for T3A
Power system	3P + N + PE					
Rated voltage [1]	400 V_{ac} ± 10%					
Frequency	50 Hz - 60 Hz					
Rated current	64 A	48 A	64 A	48 A	64 A	48 A
Rated impulse withstand voltage (Uimp)	4 kV					
Rated short-circuit current (Isc)	10 kA					
Pollution degree	PD2					
EMC classification	Class B emissions					
Protective measures against electric shock	Class I					
Connection to the supply network	Permanently connected					
Grounding system type	TT or TN (both with PE)					
Installation	Indoor/Outdoor					
Fixed or removable installation	Fixed					
Overvoltage category	III					
IP protection rating	IP 54					
IK protection rating	IK 10					
Enclosure material	Stainless steel AISI 304					
Dimensions	1315 x 437 x 293 mm					
Weight	48 kg					
Operating temperature	-25....+50°C					
Storage temperature	-25...+70°C					
Humidity	0...95% (non-condensing)					
Altitude	Up to 2000 m					
Product intended for use by	Unskilled persons					
Positioning in area with	Non-restricted access					
Magnetothermal protection	Included (2 x MCB 4P D40 10 kA)	Included (MCB 4P D40 10 kA + MCB 2P D20 10 kA)	Included (2 x MCB 4P D40 10 kA)	Included (MCB 4P D40 10 kA + MCB 2P D20 10 kA)	Included (2 x MCB 4P D40 10 kA)	Included (MCB 4P D40 10 kA + MCB 2P D20 10 kA)
Differential protection	Included (2 x RCD 4P Type A 40 A 30 mA & RCM 6 mA_{DC})	Included (RCD 4P Type A 40 A 30 mA & RCM 6 mA_{DC} + RCD 2P Type A 25 A 30 mA & RCM 6 mA_{DC})	Included (2 x RCD 4P Type A 40 A 30 mA & RCM 6 mA_{DC})	Included (RCD 4P Type A 40 A 30 mA & RCM 6 mA_{DC} + RCD 2P Type A 25 A 30 mA & RCM 6 mA_{DC})	Included (2 x RCD 4P Type A 40 A 30 mA & RCM 6 mA_{DC})	Included (RCD 4P Type A 40 A 30mA & RCM 6 mA_{DC} + RCD 2P Type A 25 A 30 mA & RCM 6 mA_{DC})
Energy meter	MID certificate					
OCPP	-	-	-	-	1.5 or 1.6 Json	1.5 or 1.6 Json
Internal load manager	•	•	•	•	•	•
Connectivity	Modbus TCP/IP	Modbus TCP/IP	Modbus TCP/IP	Modbus TCP/IP	Modbus TCP/IP + OCPP	Modbus TCP/IP + OCPP
3G/4G connection	-	-	-	-	•	•
RFID	-	-	RFID (local)	RFID (local)	RFID (MSP)	RFID (MSP)
Status LED	•	•	•	•	•	•
OLED monitor	-	-	•	•	-	-
TFT 4.3" monitor	-	-	-	-	•	•
Certification [2]	CE, RCM					

1) Please contact FIMER to check the availability of different rated voltages
2) Please contact FIMER to check the certification status

Available codes

Codes	EAN	Description	Version	Pmax	Rated current	Rated voltage	Socket 1	Socket 2	User interface
FLSSA2222SMN00	8033049748192	FIMER FLEXA AC Station SA 22kWx2 T2x2 MID	Stand Alone	44kW (22kWx2)	64 A	3P+N+PE 400 V_{AC}	T2	T2	LED
FLSSA2223SMN00	8033049748208	FIMER FLEXA AC Station SA 22kW+3.7kW T2/T3A MID	Stand Alone	25.7kW (22kW+3.7kW)	48 A	3P+N+PE 400 V_{AC}	T3A	T2	LED
FLSLC2222SM000	8033049748215	FIMER FLEXA AC Station LC 22kWx2 T2x2 MID	Local Controller	44kW (22kWx2)	64 A	3P+N+PE 400 V_{AC}	T2	T2	OLED display
FLSLC2223SM000	8033049748222	FIMER FLEXA AC Station LC 22kW+3.7kW T2/T3A MID	Local Controller	25.7kW (22kW+3.7kW)	48 A	3P+N+PE 400 V_{AC}	T3A	T2	OLED display
FLSFN2222SM400	8033049748239	FIMER FLEXA AC Station FN 22kWx2 T2x2 MID	Future Net	44kW (22kWx2)	64 A	3P+N+PE 400 V_{AC}	T2	T2	TFT 4.3" display
FLSFN2223SM400	8033049748246	FIMER FLEXA AC Station FN 22kW+3.7kW T2/T3A MID	Future Net	25.7kW (22kW+3.7kW)	48 A	3P+N+PE 400 V_{AC}	T3A	T2	TFT 4.3" display

Remarks:
- **Designed and manufactured in Italy**
- **Features not specifically listed in the present data sheet are not included in the product**

For more information, please contact a FIMER representative or visit:

fimer.com