

**FIMER**



# **FIMER FLEXA**

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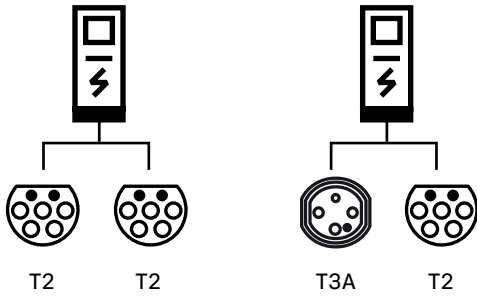
## **AC Station**

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 is the competitive solution which integrates all the necessary functionalities to guarantee a simple and quick charge of the electric vehicle.

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 <sup>1)</sup>			400 V <sub>ac</sub> ± 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			
Overtoltage 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 <sub>ac</sub> )	Included (RCD 4P Type A 40 A 30 mA & RCM 6 mA <sub>ac</sub> + RCD 2P Type A 25 A 30 mA & RCM 6 mA <sub>ac</sub> )	Included (2 x RCD 4P Type A 40 A 30 mA & RCM 6 mA <sub>ac</sub> )	Included (RCD 4P Type A 40 A 30 mA & RCM 6 mA <sub>ac</sub> + RCD 2P Type A 25 A 30 mA & RCM 6 mA <sub>ac</sub> )	Included (2 x RCD 4P Type A 40 A 30 mA & RCM 6 mA <sub>ac</sub> )	Included (RCD 4P Type A 40 A 30mA & RCM 6 mA <sub>ac</sub> + RCD 2P Type A 25 A 30 mA & RCM 6 mA <sub>ac</sub> )
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 <sup>2)</sup>			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 <sub>ac</sub>	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 <sub>ac</sub>	T3A	T2	LED
FLSLC2222SM000	8033049748215	FIMER FLEXA AC Station LC 22kWx2 T2x2 MID	Local Controller	44kW (22kWx2)	64 A	3P+N+PE 400 V <sub>ac</sub>	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 <sub>ac</sub>	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 <sub>ac</sub>	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 <sub>ac</sub>	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](http://fimer.com)

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