



FIMER FLEXA

AC Station 2.0

Based on well-proven technology, FIMER FLEXA AC Station 2.0 is the second generation of FLEXA AC Station and introduces new features to meet today's and tomorrow's needs.

Up to 2x22 kW

FIMER FLEXA AC Station 2.0 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 and power, with the possibility of charging up to two electric vehicles simultaneously.

Available sockets:



T2 socket



T3A socket

The main features of AC Station 2.0 are:

Robust

IP55, IK10, Antitamper.

Complete

All protections and monitoring and diagnostic systems included.

Versatile

You can choose among several configurations for operation with RFID authentication, via backend or ISO 15118.

Customizable

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

Simple

Easy installation (configuration with dedicated App and tool) and maintenance.

Future-ready

ISO 15118 and OCPP 2.0 HW ready.

Modular

Thanks to its architecture, optional equipment can easily be implemented at a later time.

FIMER FLEXA AC Station 2.0 has all of the following features designed to meet every exigency:



RFID reader



7" TFT Display and kit audio (Optional)



Dedicated App MyFIMERCharger



Load Management



Master/Slave



OCPP 1.6 Json, OCPP 2.0 HW ready



Wi-Fi



Ethernet



3G/4G modem (Optional)



API



ISO 15118 HW ready (Optional)



Optical fiber (Optional)

Technical data

Model	FLEXA AC Station 2.0	
Number of outputs	2	
Output types (IEC 62196-2)	2 x socket T2	1 socket T2 + 1 socket T3A
Charging mode (IEC61851-1)	Mode 3 – Case B	
Power system	Three-phase 3P + N + PE (T2) / Single-phase 1P + N + PE (T3A)	
Rated voltage ¹⁾	400 V _{AC} ± 10% (T2) / 230 V _{AC} ± 10% (T3A)	
Frequency	50 - 60 Hz	
Maxi input power	44 kW	25.7 kW
Max input current	64 A	32 A
Max power per socket	22 kW	22 kW (T2) / 3.7 kW (T3A)
Max current per socket	32 A	32 A (T2) / 16 A (T3A)
Ground system type	TT / TN-S / TN-C / IT	
Installation	Internal/External, stationary, ground-fixed	
Overvoltage category	III	
IP protection rating	IP55	
IK protection rating	IK10	
Enclosure material	FE360B with cataphoresis, painted and polycarbonate top cover	
Dimensions (H x L x W)	1428 x 342 x 390 mm	
Weight	50 kg	
Operating temperature	-30...+55 °C	
Storage temperature	-25...+70 °C	
Humidity	0...95% (non-condensing)	
Altitude	2000 m	
Product intended for use by	Unskilled persons	
Positioning in area with	Non-restricted access	
Magneto-thermal protection	2 x MCB 4P - 40 A - D curve	MCB 4P - 40 A - D curve + MCB 2P - 20 A - D curve
Differential protection	2 x (RCD 4P - 40 A - Tipo A - 30 mA and RCM 6 mA _{BOC})	(RCD 4P - 40 A - tipo A - 30 mA and RCM 6 mA _{BOC}) + (RCD 2P - 25 A - Tipo A - 30 mA and RCM 6 mA _{BOC})
Energy meter	MID certified	
User interface	Dedicated App - connection through Wi-Fi	
Service Interface	EVI configuration tool - connection via Wi-Fi or Ethernet	
Power output management	Integrated Load Management	
RFID and NFC reader	MiFare, NFC	
Status LED	RGB	
Display	7" TFT	
Certification ²⁾	CE, RCM	

Features

FIMER FLEXA AC Station 2.0	Base	Base + Modem	Base + ISO 15118	Full + ISO 15118
Bluetooth	●	●	●	●
RFID reader	●	●	●	●
OCPP 1.6 Json, OCPP 2.0 HW ready	●	●	●	●
Ethernet connection	●	●	●	●
Wi-Fi	●	●	●	●
3G/4G connection	○	●	○	●
Optical fiber	○	○	○	○
Second Ethernet port	○	○	○	○
Audio interface	○	○	○	●
ISO 15118 card	○	○	●	●

○ Optional, ● Included, - Not included

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

2) Please contact FIMER to check the certification status

Available codes

Code	EAN	Description	Version	P _{max}	Rated current	Rated voltage	Connection
FLS202222SM700	8033049748192	FIMER FLEXA AC Station 2.0; Basic; 2xT2	Basic	44 kW	64 A	3P+N+PE 400 V _{ac}	2 x socket T2
FLS212222SM700	8033049748208	FIMER FLEXA AC Station 2.0; Connected; 2xT2	Connected	44 kW	64 A	3P+N+PE 400 V _{ac}	2 x socket T2
FLS222222SM700	8033049748215	FIMER FLEXA AC Station 2.0; ISO15118; 2xT2	ISO15118	44 kW	64 A	3P+N+PE 400 V _{ac}	2 x socket T2



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

fimer.com

Remarks:

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

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Preliminary data sheet

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