



INTELLIGENT
LIFE'S
QUALITY



AC CHARGING STATION MFC 300 / 400 series



MFC 300 and 400 series charging stations are designed to be installed indoors or outdoors on the foundation (MFC 300) or a wall (MFC 400). The main usage scenarios are business and shopping centers, parking spots, hotels, restaurants and cultural objects.

Depending on the model charging stations can be accessed freely, with a mechanical key or an RFID card and features a cable locking mechanism. 1 charging station provides 2 charging points with 7,2kW, 11kW or 22kW nominal power each.

AUTHORIZATION



COMMUNICATION & PROTOCOL



CONNECTIVITY



HUMAN MACHINE INTERFACE



SCALABILITY



LOAD BALANCING



REMOTE MANAGEMENT



TECHNICAL DATA

MODELS

GENERAL DATA	HOME MFC 301 / 401	HOME+ MFC 302 / 402	INTELLIGENT MFC 303 / 403	INTELLIGENT+ MFC 304 / 404	INTELLIGENT MODULAR MFC 300M / 400M
Human Machine Interface					
Display	-	-	-	4" TFT LCD w/ buttons	-
Interface languages	-	-	-	per request	-
Authorization	free access / mechanical key		RFID IEC14443A/B, NFC		
Scalability	-	-	primary		secondary
External communication	-	Ethernet & WiFi		3G & Ethernet	RS485
Communication protocol	-	-	OCPP 1.6S		via primary
Management system	-	WEB	ETAGO management		
Energy meter	optional (Active energy, Class 1)		MID certified (for electricity cost reimbursement)		
Charging mode	Mode 3				
Socket type	Type2 IEC62196				
Communication with EV	according to IEC61851				
Cable locking during the charging session	included				
Charging light beacon	RGB light indicator				
Load balancing support	-	yes			
OPTIONAL					
Socket locker	-	x	x	x	x
Socket shutter	-	x	x	x	x
Type 1 / Type 2 charging cable*	x	x	x	x	x
Plug locking mechanism	x	x	x	x	x
Charging cable length	4m or 5m (Type 1 or Type 2 charging cable options)				
Charging cable type					
Charging cable holder	Spiral or flat (Type 1 or Type 2 charging cable option)				

ELECTRICAL CONNECTION

AC NOMINAL INPUT	2 x 7,2kW	2 x 11kW	2 x 22kW
Connection type	1 phase + N + PE		3 phase + N + PE
Voltage	230VAC +/- 10%		400VAC +/- 10%
Current	63A	32A	63A
Nominal power	14,4kW	22kW	43kW
Frequency	50 or 60 Hz		
AC NOMINAL OUTPUT			
Voltage	230V +/- 10%		400V +/- 10%
Current	32A	16A	32A
Nominal power	7,2kW	11kW	22kW
Over current protection (Curve C)**	20A or 40A		
RCD***	30 mA (Type A) + DC protection		
Sockets	2		
CONSTRUCTION			
Place of installation	indoor / outdoor		
Type of installation	on the foundation (MFC 300), on the wall (MFC 400)		
Body protection degree	IP54		
Operating temperature	-30C to +50C		
Storage temperature	-40C to +60C		
Relative humidity	5% to 95%		
Body material	stainless steel		
Dimension W x H x D	24 x 124 x 22,5 cm (MFC 300), 40 x 66 x 18,5 cm (MFC 400)		
Weight	26 kg (MFC 300), 15 kg (MFC 400)		

* Type 1 charging cable only for 7,4kW

** over current MCB (Curve C) could be installed in the charging station or in case it isn't installed in the charging station, it must be installed in the distribution board (breaker panel)

*** RCD 30 mA (Type A) + 6mA DC, could be installed in the charging station or in case it isn't installed in the charging station, it must be installed in the distribution board (breaker panel)

