

DATASHEET

CITYCHARGE M2

CITY TOUGH. EV FAST.

DESIGNED FOR



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CityCharge M2

CITY TOUGH. EV FAST.

 AC Charging up to 22 kW

 Public Charging

 Uptime – 99.2%

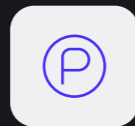
BECAUSE OUTDATED, UNDERWHELMING CHARGERS? YEAH, WE LEFT THOSE IN THE PAST

Pumping out up to 2×22 kW of pure, no-nonsense power, CityCharge M2 keeps EVs rolling—no lag, no limits. Engineered for high-traffic zones, ready for any weather, and designed to turn heads while doing it.

KEY FEATURES



Dual-Port AC Charging



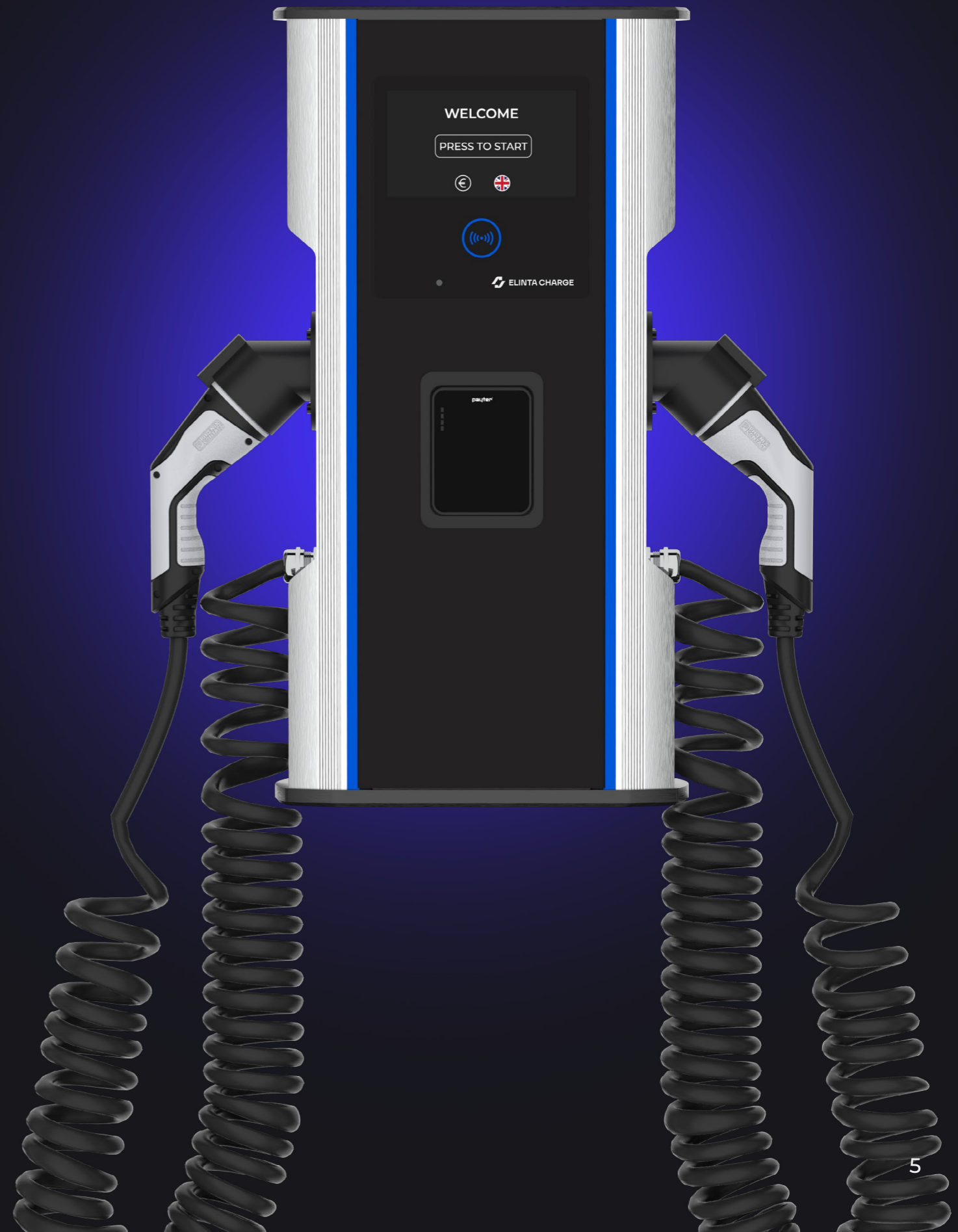
Ideal for Fleets & Lots



22 kW Per Socket



Efficient Public Deployment



CityCharge M2

TECHNICAL SPECIFICATIONS

Explore the technical foundation of our dual-socket wall charger—engineered for efficiency, durability, and cost-effective public charging.



GENERAL

Number of Connectors	2
Status Indication	Visual: Screen, LED strips. Audio: Buzzer
User Interface Type	LED Indication or LCD Screen
Max Current per Connector	32 A
Connector Type *	Type 2 Socket Type 2 Shutter Socket 4 m Spiral Cable + Type 1 Connector 4 m Spiral Cable + Type 2 Connector 5 m Spiral Cable + Type 2 Connector
Charging Mode	Mode 3
Max Charging Power (kW)	2 x 22 kW
Supported Power Systems	TNC-S, TNS, TT
AC Input Power	3 Phase, 400 V/AC, 32 A 3 Phase, 400 V/AC, 16 A 1 Phase, 230 V/AC, 32 A 1 Phase, 230 V/AC, 16 A
AC Output Power	2 x 3 Phase, 400 V/AC, 32 A (2 x 22 kW) 2 x 3 Phase, 400 V/AC, 16 A (2 x 11 kW) 2 x 1 Phase, 230 V/AC, 32 A (2 x 7,4 kW) 2 x 1 Phase, 230 V/AC, 16 A (2 x 3,7 kW)

USER INTERFACE

Display Type	LED, LCD Touchscreen
User Authentication	RFID/NFC, Mobile App
EV Charging Back-End Platform	Elios Cloud, etc.
RFID Type/Standard	ISO 14443A, MIFARE
Status Indication *	LED Indication, LCD Screen

CONFIGURATION

Software Update	OTA (Over the air)
Control & Configuration	Controlled via Elios Cloud or 3 RD Party Back-End
Operating Altitude (Max)	2000 m
Operating Temperature Range	- 25 °C to + 50 °C
Storage Temperature Range	- 25 °C to + 50 °C
Standby Power Consumption	23.6 W

* - configurable option / accessory



MECHANICAL DESIGN

Dimensions (H×W×D)	670 mm x 350 x 150
Weight	21 kg
Installation Location	Inside/Outside
Mounting Type	Wall Mounted
Relative Humidity	0-99%
UV Resistance	Yes
Vandalism Resistance	Yes
Key Lock	Standard (default) or Special Key Lock (optional)

ELECTRICAL DESIGN

Connection Terminals Size	For 1 Power Input up to 16 mm ² For Dual Power Input up to 10 mm ²
Surge Protection Device (SPD)	CAT I + II + III, Included in the package (optional)
Load Management	Dynamic Load Management Static Power Balancing Group Balancing over the Cloud Load Balancing Support via OCPP
Energy Meters	2x Energy Meters (MID Compliant)
Charging Cable Locking	Yes
Overvoltage Category	Category III, Optional
Overcurrent Protection	Optional
RCCB Protection	Optional
DC Leakage Protection	2x RCM (residual current monitoring devices) or Type B (integrated in the charger)

BILLING & PAYMENT OPTIONS

Bank Card Terminal *	Contactless / Chip / Magnetic
LCD Screen	QR Code

ENVIRONMENTAL

IP Class	IP54
IK Class	IK10, Screen IK08
Temperature Control System	Yes
Corrosion Resistant	Anodised Aluminium

CONNECTIVITY

Internet Connection Options *	Ethernet, 4G
Monitoring/Diagnostics	Elios Cloud
Remote Maintenance	Yes
Local Configuration	Yes
OCPP	1.6 JSON
OCPP Connection	Remotely via Elios Cloud or via Local Config

STANDARDS/ CERTIFICATES

Compliance	EN IEC 61851-1:2019 EN IEC 61851-21-2:2021
Certification Programs	Eichrecht, CB, UL, UDT
EMI/EMC Compliance	Yes

WARRANTY

Term	5 Years
Extension	2 Years

* - configurable option / accessory



CityCharge M2

ADD-ONS

Standard is good—but pushing limits is better. Power up your M2 with add-ons that fine-tune performance, enhance control, and give you the edge. Because when it comes to EV charging, why stop at enough when you can have it all?





CATEGORY	ADD-ON	TYPE	CODE
CONNECTOR OPTIONS	Socket Type 2	E2 / D2 / G2	T2
	Socket Type 2 + Shutter	E2	S2
	Plus 4 m Spiral Type 2	E2 / D2 / G2	C4
	Plus 5 m Spiral Type 2	E2 / G2	C5
	Plus 4 m Spiral Type 1	U2	U4
	Special Socket or Cable Length**	E2 / G2	SS
USER INTERFACE	LED	E2 / D2 / G2 / U2	1
	LCD 7"	E2 / D2 / G2	2
PAYMENT TERMINAL	None	E2 / D2 / G2 / U2	X
	PT P66	E2 / D2 / G2 / U2	1
	PT P68	E2	2
	PT Apollo	E2 / D2 / G2	3
	PT Valina	E2 / D2 / G2	4
	PT CCV IM30	E2 / D2 / G2	5
	PT Castless	E2 / D2 / G2	6
	Special**	E2 / G2	S
ELECTRICAL SAFETY	2 Power Input (RCM) (Default Option)	E2 / D2 / G2 / U2	1
	1 Power Input (RCM)	E2 / D2 / G2 / U2	2
	2 Power Input (No RCM)*		3
	1 Power Input (No RCM)*		4
	Special**		S

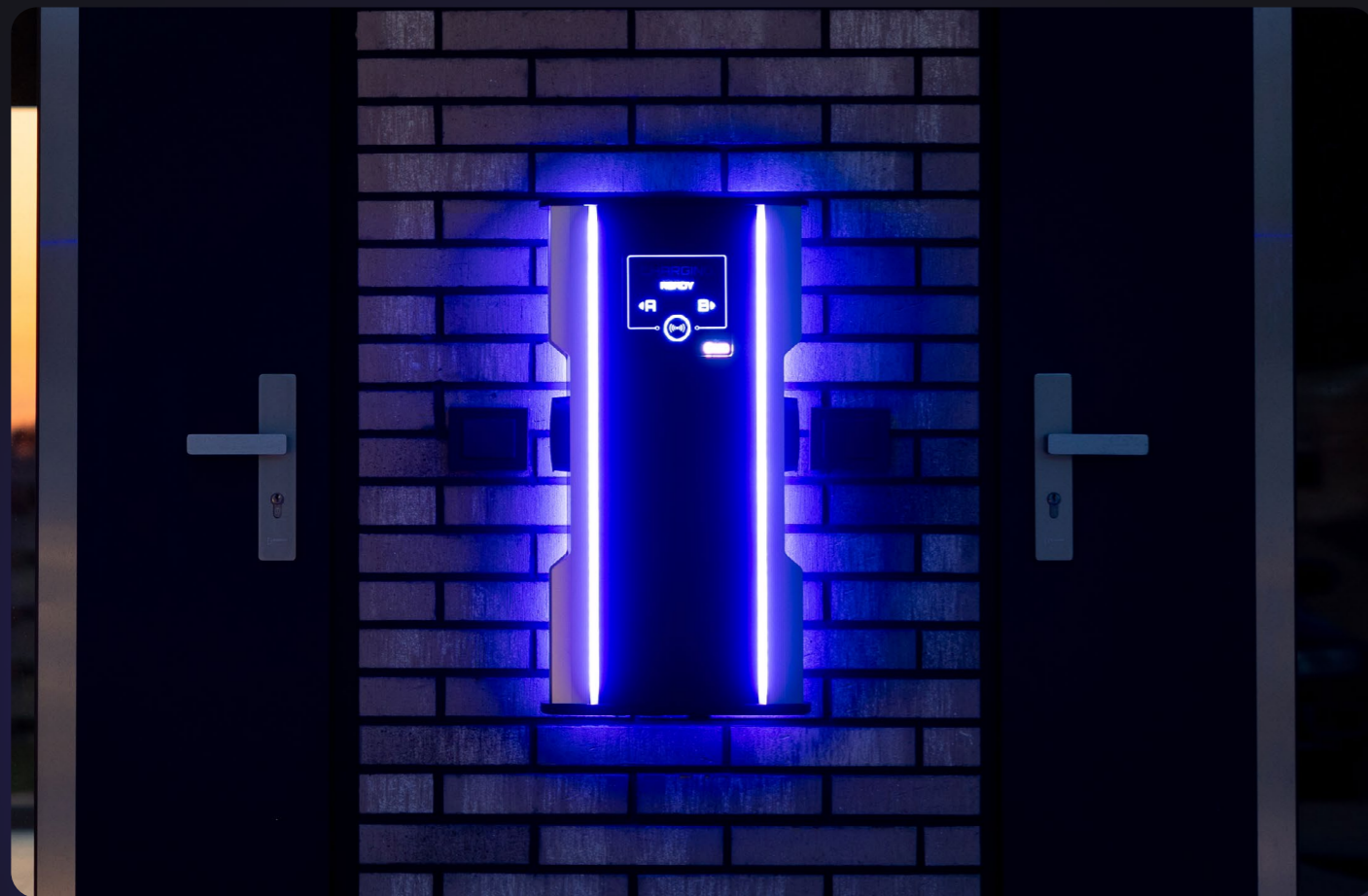
CATEGORY	ADD-ON	TYPE	CODE
MECHANICAL	None	E2 / G2 / U2	X
	Spec Key Locks	E2 / G2 / U2	1
	MID Windows	E2 / D2 / G2	2
	Spec Key Lock + MID Win	E2 / D2 / G2	3
	Special**	E2 / D2 / G2	S
COMMUNICATION	LAN	E2 / D2 / G2 / U2	1
	4G Only	E2 / D2 / G2 / U2	2
	4G + LAN	E2 / D2 / G2 / U2	3
SOFTWARE	None	E2 / D2 / G2 / U2	XX
	ISO15118		1
	Software Limitation For 11 kW	E2 / D2 / G2 / U2	S1
HARDWARE	None	E2 / D2 / G2 / U2	XX
	Co-Branding Front	E2 / D2 / G2 / U2	CC

*Available only when ordering with RCCB Type B
 ** Available only after EC Product department confirmation

CityCharge M2

ACCESSORIES

Good chargers get the job done. Great chargers get the edge. Customize your M2 with accessories that refine, optimize, and elevate every charge. Because when every second counts, the right details change the game.





COMPATIBLE	CODE	NAME
M2	ACE01	MCB 40 A
M2	ACE02	MCB 80 A
M2	ACE03	RCCB Type A 40 A
M2	ACE04	RCCB Type B 40 A
M2	ACE05	RCCB Type A 80 A
M2	ACE06	RCCB Type B 80 A
M2	ACSM1	SIM Card (Manufacturer)
M2	ACSM2	SIM Card (Customer)
M2	ACSW1	Ethernet Switch 4 Port
M2	ACRF1	RFID TAG
M2	ACMF1	Mounting Frame
M2	ACDLH	DLM H
M2	ACD01	DLM B CT 300 A
M2	ACD02	DLM B CT 400 A
M2	ACD03	DLM B CT 500 A
M2	ACD04	DLM B CT 600 A
M2	ACD05	DLM B CT 800 A
M2	ACD06	DLM B CT 1000 A
M2	ACD07	DLM B CT 1200 A
M2	ACD08	DLM B CT 1250 A
M2	ACD09	DLM B CT 1600 A
M2	ACD10	DLM B CT 2000 A
M2	ACSP1	SPD T1+T2+T3
M2	ACRC1	RCD Reset
M2	ACPE1	PEN Protection Device for 1 Power Input (3P 63 A)
M2	ACPE2	PEN Protection Device for 2 Power Inputs (2x 3P 40 A)

CHARGING,
AS IT SHOULD BE



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