

Our intelligent charging solutions for
your customers, guests and employees

QUINtec
AddCh@rge



High-quality charging infrastructure for electric vehicles.
A system solution that grows modularly with your vehicle fleet
and secures your investments. Dynamic load management and
integration into your building management system.
Ready for the future.

www.quintecgmbh.com

A charge column ...

for charging electric vehicles via a type 2 plug with alternating current in accordance with IEC 61851-1 Mode 3. Two charging points are available per charge column, each with up to 22 kW charging power. Downgrade to 11 kW is available.



High-quality metal housing

Modern and robust for wall or floor mounting on a bracket. Housing is double powder-coated with stainless steel front. On request, the color of the coating can be individually adapted. Implementation of your corporate design by foil, screen printing or laser engraving on the front panel or console possible.

Modular system solution

Modularly expandable at any time and suitable for every budget. Individually adaptable to the size of your electrified fleet.

Dynamic load management

Prioritized charging with full power capacity as well as self-learning and intelligent charging program, individualized according to user and driving profile. Limitation of the maximum charging power for the charging network at certain times of the day. This specifically avoids peak loads and reduces electricity costs.

Authentication Compliant with calibration law

Operation of the charging pole without authentication or via RFID cards. With RFID operation, with or without determination of billable data for the amount of energy delivered. MID-compliant energy meters for consumption billing.

A central administration ...

of all charging points via the control panel, from the workstation or can be integrated into the BMS. Seamless integration into the QUINTec Sm@rtelive BMS. View charging statistics, limit usage times and charging performance. Detailed fault messages with automatically sent e-mails to the facility management.



"Hello driver, I'm fully loaded!"

Notification of the driver by e-mail when the vehicle is fully charged. This improves the utilization of the charging infrastructure.

AddCh@rge

Master M2

Master MRC2

Slave S2

Slave SC2

Vehicle connection

Connection technology Two charging sockets type 2 with interlock according to IEC 62196-2

Charging power/current 22 kW / 32 A permanently limitable to 11 kW / 16 A

Output voltage 230 / 400 V AC

Charge column connection

Connection cable 5 x 16 mm² L1, L2, L3, N, PE

Nominal voltage/frequency 230 / 400 V AC / 50 Hz

Nominal current 64 A permanently limitable to 32 A

Backup fuse	64 A	64 A	not required	
-------------	------	------	--------------	--

Display & Functions

Display & Operation	LED	4" Touch	LED	LED
---------------------	-----	----------	-----	-----

Communication according to IEC 61851-1, Mode 3

Interfaces	PROFINET	Ether. TCP/IP Modbus RTU	PROFINET	Ether. TCP/IP Modbus RTU
------------	----------	-----------------------------	----------	-----------------------------

Housing

Construction/Protection class Wall-mounted enclosure/IP54, when plug is plugged in IP44

Mounting type Screwed on a wall bracket, optionally on a stand column

Material housing/panel Powder-coated sheet steel / stainless steel

Environmental conditions

Storage temperature - 30 to 75 °C

Operating temperature -30 to 50 °C

Relative humidity 5 to 95 %, non-condensing