

# AGICITY® FAST STATION 24

## Contact

Electrical vehicles charging stations  
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## DESCRIPTION

With a delivered power of 24 kW (in DC) or 22 kW (in AC), the new AGICITY FAST STATION 24 charging station will charge all EV on the market in one hour typically. Two charging points are available thanks to the simultaneous charge capability. Compatible with disabled access, with a small surface footprint, usable against a wall, the station is an ideal solution for providing fast charging points at shopping centers, restaurants, parking areas or for any public environment. Connected wirelessly via OCPP1.6, upgrades, supervision and operation can be done remotely in a smart and optimized way.

## Configuration & options

Power Supply: **22 kW AC and 24 kW DC**

Interface **COMBO 2 & CHAdeMO**

With or without **AC Type 2 - 22kW E.V. Ready plug** socket

### Electrical protections:

- Input fuses on each module
- Output diode and fuse on power module
- Fast acting fuses on output
- AC input and DC output relays

### Electronic protections:

- Overload and output short-circuit
- Over temperature and temperature regulation
- Output over voltage / reverse polarity
- Charging plug defects / Communication failure
- Insulation monitor device on DC output

### Display & communication module:

- 7 inch touch screen
- User Menu with adjustable wallpaper graphics
- OCPP 1.6 card (JSON or SOAP), 2 separate modems
- Ethernet connection
- LED indicator (RGB) for each output

### Presentation:

- Standard panel
- White label available on request (sticker)

### Input connection:

- 3P+N 400V (Europe)
- 3P 230V w/o neutral (Norway)

## Communication

### Vehicle interface:

- CAN (CHAdeMO/GB)
- PLC GreenPhy (COMBO & AC)



## STANDARDS

**International** CAN/CSA C22.2;  
DIN70121; E.V. Ready;  
EMC 2014/30/EU; FCC Part 15;  
LVD 2014/35/EU; RED 2014/53/  
EU; UL2022; UL2231-1/2

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## Supervision capability:

- Wireless: 3G/4G via OCPP1.6
- LAN/TCP IP
- Two separate modems (operation & maintenance)

## Access & Identification :

- RFID reader
- Touch screen

## CHARACTERISTICS

### Construction characteristics

Material	Steel
Colour	Grey

### Dimensional characteristics

Cable length	5 m
Approximate net weight	220.0 kg

### Mechanical characteristics

IK Rating	10
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### Usage characteristics

IP Rating	IP55
Operating temperature, range	-25 .. 55 °C

## INSULATION

Input / Output	5200 V DC
Input / PE	1500 V AC
Output / PE	2600 V DC

## ELECTRICAL CHARACTERISTICS

Voltage	Nominal input current
380 V - 480 V AC 50/60 Hz 3 Phase (3P + N + Ground)	37 A
208 V - 240 V AC 50/60 Hz 3 Phase (3P + Ground)	65 A
220 V - 240 V AC 50/60 Hz 1 or 2 Phase (2P + Ground)	112 A (for UL version only)
Power Factor: >0,99	Efficiency : 95%

## AGICITY® FAST MULTI STANDARD LAYOUTS



Fast charging



True 22/24kW charger for all EVs



Economic solution vs 50kW chargers



Low Maintenance



Smart Power



Easy Customisation