

Charging station with 2 simultaneous charging points - from 3.7 kW to 22kW
AGICITY PRO is a charging station offering a sturdy design in order to be installed in street charging, especially in public areas. It can also be installed in parking areas (indoor and outdoor) and is adapted to charge at work.

DESCRIPTION

Pole mounted charging station minimizing the footprint and facilitating integration into the urban landscape. Compatible with many installation cases and a wide range of charge point manager. Its local energy management capabilities provide charging infrastructure good resilience and an alternative to remote management.

Configuration

Power supply: from **2x 3.7 kW to 2x 22 kW**

Compatible plug sockets : **Type 2, Type 2S, T2S + E/F**

Electrical protections: integrated or not

Electronics protections: embedded

Two different configurations (for each power supply) are available:

- Master : embed the pool manager and/or cellular connectivity (2G/4G)
- Slave : can be managed by a master charging station via an Ethernet connexion

RFID reader: ISO 14443A, ISO 14443B, MiFare, Calypso

Communication & commissioning

- Communication interface: 2G/4G or Ethernet (IEEE 802.3)
- Interoperability OCPP 1.5 & OCPP 1.6
- Pool manager embedded in the master version of the charging station
- Communication gateway for slave charger: only on master station
- Local management through an embedded web server
- Ethernet switch (4P) in option

ASSOCIATED SERVICES

Smart charging

Power limitation for one or more plug sockets on the same pool, dynamic energy balancing using the pool manager.

The limitation can be :

- **Static:** the power supply limit is defined and static. It can be locally configured at the pool level and then modified through commissioning software.
- **Dynamic:** power supply changes according to charging requests and energy availability. The load balancing can operate locally on a charging station or a cluster. This function can be extended via a communicating metering device (optional) in order to meter both power consumption and power feeding from external production on the same delivery point.
- **Dynamic with local constraint:** power supply respects optimization strategies, taking into consideration external parameters, such as power pricing, through OCPP commands and commissioning software.

Charge access

- Plug & charge
- Local user authentication through RFID
- Remote user authentication through RFID/OCPP
- Compatible with most of the eMSP services



STANDARDS

International EN 61851-1;
EN 61851-22; EN 62196-2

National BS 7671; NF C 15-100;
NF C 15-722

CHARACTERISTICS

Construction characteristics

Number of charging points	2 simultaneous
Charging mode	Mode 3
Colour	White RAL 9003

Dimensional characteristics

Approximate net weight	30.0 kg
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Usage characteristics

IP Rating	IP54
Operating temperature, range	-30 .. 50 °C

PRODUCT LIST

Nexans ref.	Name	Power [kVA]	Plug socket	Charging station configuration	Charging station Electrical protection
☎ 69778E	AGICITY PRO FR 2x22kW Master T2SL/E Cust220012-RAL9003	22	Type 2S lockable + EF	Master	Not included
☎ 69729E	AGICITY PRO FR 2x22kW Master T2SL/E Cust220E22-RAL9003	22	Type 2S lockable + EF	Master	Included
☎ 69785E	AGICITY PRO FR 2x22kW Slave T2SL Cust220001-RAL9003	22	Type 2S Lockable	Slave	Not included
☎ 69755E	AGICITY PRO FR 2x22kW Slave T2SL Cust220E01-RAL9003	22	Type 2S Lockable	Slave	Included
☎ 69802E	AGICITY PRO FR 2x22kW Slave T2SL/E Cust220001-RAL9003	22	Type 2S lockable + EF	Slave	Not included
☎ 69803E	AGICITY PRO FR 2x22kW Slave T2SL/E Cust220002-RAL9003	22	Type 2S lockable + EF	Slave	Not included
☎ 69756E	AGICITY PRO FR 2x22kW Slave T2SL/E Cust220E01-RAL9003	22	Type 2S lockable + EF	Slave	Included
☎ 69794E	AGICITY PRO FR 2x22kW Slave T2SL/E Cust220E02-RAL9003	22	Type 2S lockable + EF	Slave	Included
☎ 304031E	AGICITY PRO FR 2x7kW Master T2SL/E Cust220022-RAL9003	7	Type 2S lockable + EF	Master	Not included
☎ 304034E	AGICITY PRO FR 2x7kW Master T2SL/E Cust220E22-RAL9003	7	Type 2S lockable + EF	Master	Included
☎ 304032E	AGICITY PRO FR 2x7kW Slave T2SL Cust220001-RAL9003	7	Type 2S Lockable	Slave	Not included
☎ 304035E	AGICITY PRO FR 2x7kW Slave T2SL Cust220E01-RAL9003	7	Type 2S Lockable	Slave	Included
☎ 304033E	AGICITY PRO FR 2x7kW Slave T2SL/E Cust220001-RAL9003	7	Type 2S lockable + EF	Slave	Not included
☎ 304027E	AGICITY PRO FR 2x7kW Slave T2SL/E Cust220002-RAL9003	7	Type 2S lockable + EF	Slave	Not included
☎ 304036E	AGICITY PRO FR 2x7kW Slave T2SL/E Cust220E01-RAL9003	7	Type 2S lockable + EF	Slave	Included

☎ = Make to order, 📦 = In stock

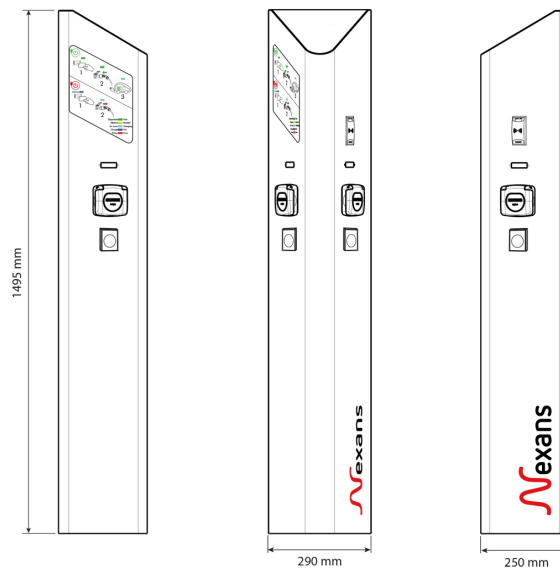
Nexans ref.	Name	Power [kVA]	Plug socket	Charging station configuration	Charging station Electrical protection
☎ 304037E	AGICITY PRO FR 2x7kW Slave T2SL/E Cust220E02-RAL9003	7	Type 2S lockable + EF	Slave	Included
☎ 69799E	AGICITY PRO UK 2x22kW Master T2L Cust220012-RAL9003	22	Type 2 lockable	Master	Not included
☎ 69800E	AGICITY PRO UK 2x22kW Slave T2L Cust220001-RAL9003	22	Type 2 lockable	Slave	Not included
☎ 69801E	AGICITY PRO UK 2x22kW Slave T2L Cust220002-RAL9003	22	Type 2 lockable	Slave	Not included

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RECOMMENDED ELECTRICAL PROTECTIONS FOR U.K. MARKET

Charge point protections	2 x RCCB - 30 mA, type A used in association with 6mA DC detection
	2x MCB - 40A, C curve, 3P+N
Internal protection	1x MCB - 6A , C Curve

AGICITY PRO DETAILS



OPTIONS

- Customisation (colour / stickers)
- Vehicle detection

RELATED PRODUCTS

- Anchor for installation on loose ground: 69942E