

AT02-EA fast charger for charging electric vehicles in alternating current

Description

The AT02-EA series charger is able to charge the batteries of electric transport vehicles.

This electric charger can be associated with fuel and additive dispensers already used for the refueling of traditional vehicles.

The authorization to charge the vehicle is given via serial connections or with transponder devices in various configurations depending on the customer's needs.

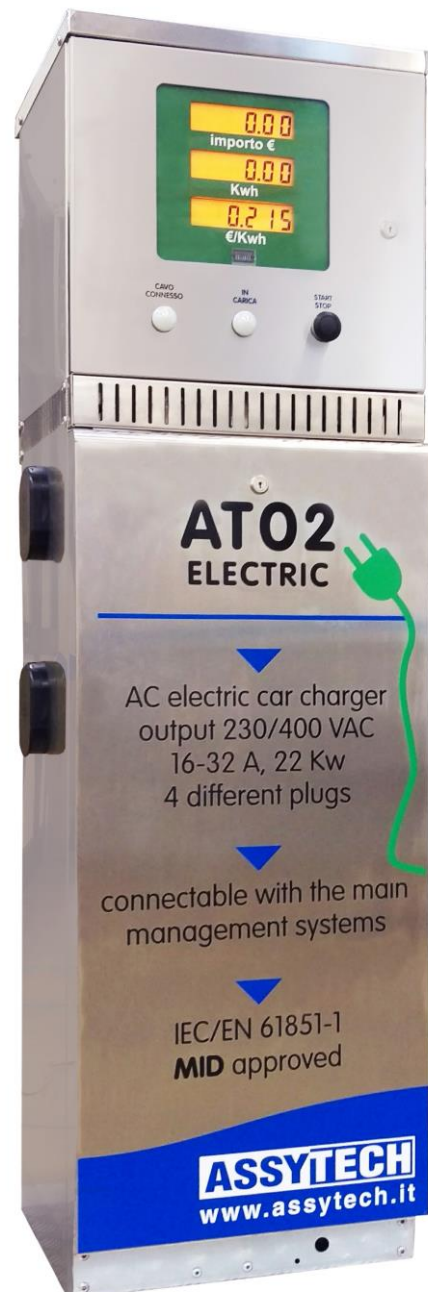
Main characteristics

The AT02-EA charger uses charging mode 3 in accordance with IEC / EN 61851

Charging mode 3 consists of connecting the vehicle to the AC power supply using specific connectors and in the presence of a pilot control circuit inside the dispenser for checking the continuity of the protective conductor between the vehicle and the network during charging.

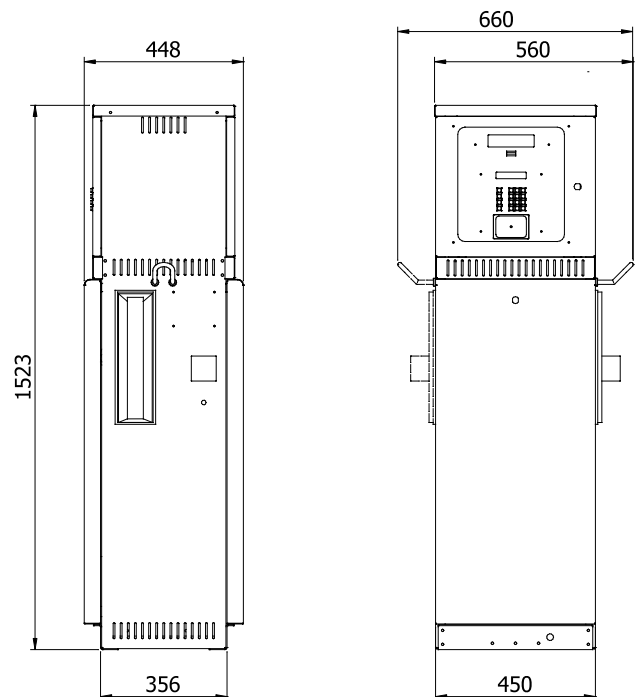
This check is necessary to ensure the correct operation of the protections against indirect contacts by preventing any dangerous voltage from discharging through accidental contact with unaware people.

Environment: indoor / outdoor

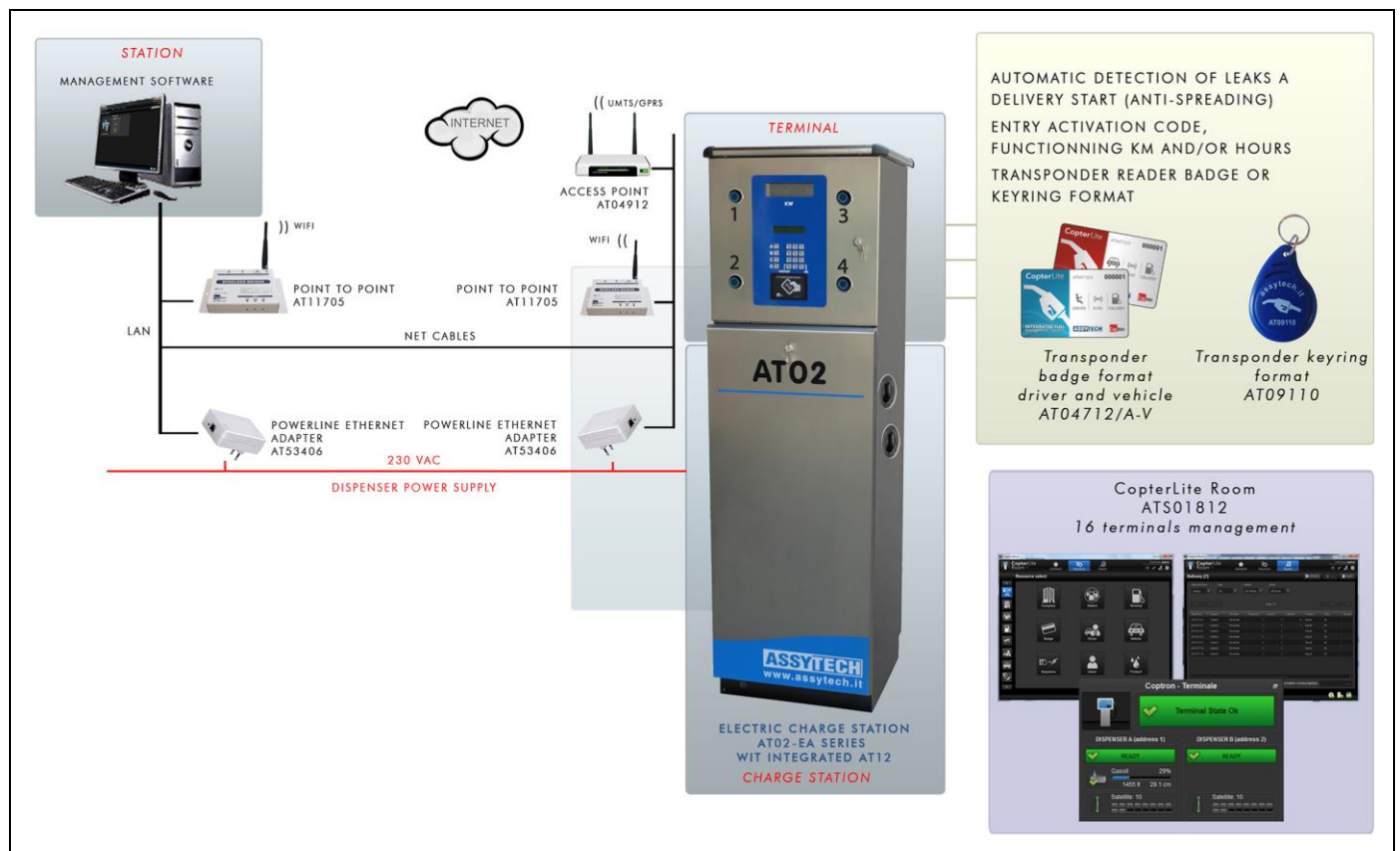


Technical characteristics

• Power supply	230 VCA / 400 VAC
• Protections	Dischargers Differential protection type B (Compliant with variant 6 64-8)
• Max power	22 kW / 44 kW
• Nominal current	32 A / 64 A
• Measurable load	0,1 ÷ 64 A
• Accuracy	Class 0,5 (MID)
• Charging socket	Type 2
• Remote connection	RS485 / C. Loop Nuovo Pignone / C. Loop Gilbarco / IFSF Lon
• Protection degree	IP44
• Certifications	EN 61851-1



Application type with integrated AT12 automation



Specification subject to change without notice