

WALL BOX ATWB station charger for charging electric vehicles in alternating current for private use

Description

The Wall Box ATWB is a professional wall mounted station charger for charging the batteries of electric transport vehicles.

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.

Domestic environment: box, private parking spaces, condominiums, etc. that do not require access control as the use is normally limited to a few people, almost always for the exclusive use of the vehicle owners themselves.

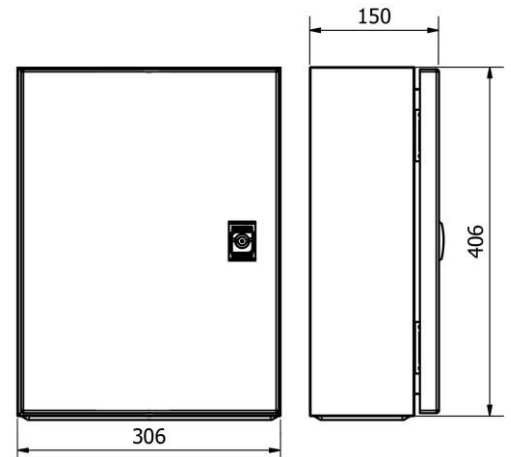
The Wall Box is available with type 2 socket cable or with integrated cable, with or without protections in the single-phase versions, with energy meter (optional) and three-phase.

It has, as standard, a selector to reduce the vehicle charge current by 50%.



Technical characteristics

• Power supply	230 VAC / 400 VAC
• Protections	Dischargers Differential protection DC=6mA AC/DC=30mA (RMS) (optional)
• Max power	7 kW /22 kW (depending on model)
• Measurable load	0,1 ÷ 64 A
• Load current control	Through local selector, on / off input or 0 ÷ 10 Volt
• Accuracy	Class 0,5 (MID) (optional)
• Charging sockets	Type 2 or 3A
• Remote connection	RS485 protocol MODBUS
• Protection degree	IP54
• Mounting	To wall
• Certifications	EN 61439-7 EN 61851-1 LVD 2014/35/UE Directive EMC 2014/30/UE Directive



Accessories

AT07820	2-20 AAC current relay as load limiter
---------	--

Application type



Specification subject to change without notice