

# Elvi specs

**Compatible with every  
electric vehicle**

**Easy to install & upgrade  
with "click-on" features & modular build**

**Connected with WIFI for  
auto tracking of charging sessions**

**Fast, smart, simplistic,  
and future-proof**

**This is the only charger  
you'll ever need.**



### Electrical properties

<b>Charging capacity</b>	3.7kW, 7.4kW, 11kW, 22kW (upgradable 3.7kW - 22kW)
<b>Charge mode</b>	Mode 3 (EN/IEC 61851)
<b>Fixed cable type</b>	Type 1 (SAE J1772) or Type 2 (EN/IEC 62196-2) plug
<b>Number of fixed cables</b>	1
<b>Fixed cable length</b>	4 or 8 meter
<b>Connection capacity</b>	Selectable 1-phase or 3-phase, 230V – 400V, 16A and 32A (4-10 mm <sup>2</sup> wiring), 50-60 Hz
<b>Outpower power (via cable)</b>	Selectable 1-phase or 3-phase, 16A and 32A (upgradable 3.7kW - 22kW)
<b>Secondary power circuit</b>	12V DC
<b>Contactors</b>	2 x 40A, 2P, 12V coil current
<b>Required service panel breaker</b>	Minimum dedicated 1 or 3 phase 32A (32A station) or 1 or 3 phase 16A (16A station) upstream circuit breaker + additional residual current device, if required according to local regulations
<b>Metering</b>	Optional 3 phase S-Bus MID-certified kWh meter

### Safety & Certification

<b>Ground fault detection</b>	30 mA AC / 6 mA DC CCID
<b>Housing fire ratings</b>	UL94 V-0, US-FMVSS / ISO 3795 passed, DIN 53438 F1/K1
<b>Temperature range</b>	-25°C to +60°C (storage / operation)
<b>Operating humidity</b>	Max. 95% - non condensing
<b>Enclosure ratings</b>	IP54, IK10 (EN/IEC 60529)
<b>CE certified</b>	Yes
<b>Compliance</b>	NEN 1010, EN/IEC 61851-1, EN/IEC 61851-22, EN/IEC 60364-4-41, EN/IEC 62196-1, EN/IEC 60335-1
<b>EMI compliance</b>	FCC part 15 Class B

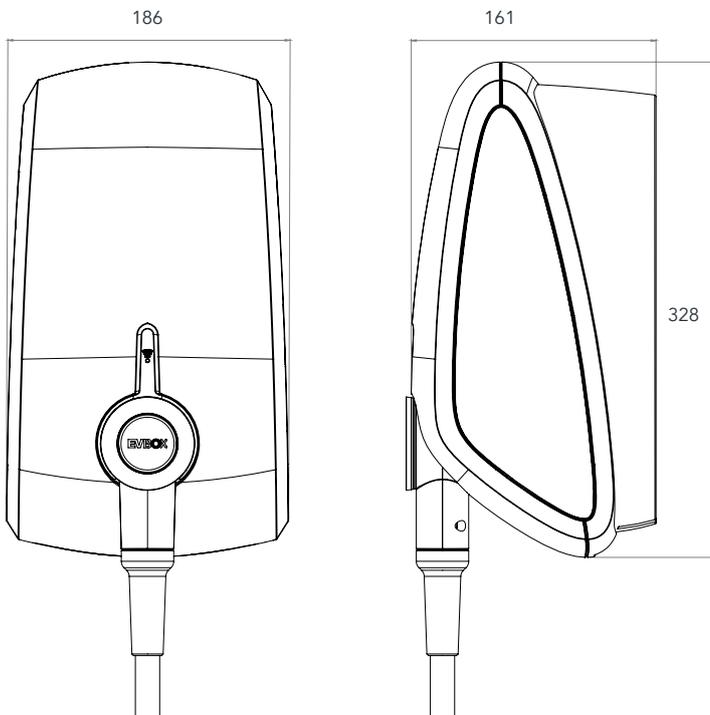
### Connectivity & Installation

<b>Authorization</b>	Auto START / Keyfob / RFID card - controller with RFID reader type Mifare Classic 13,56 GHz
<b>Status indication / HMI</b>	LED ring
<b>Communication standard</b>	WiFi 2.4/5 GHz (IEEE 802.11 a/b/g, IEEE 802.11 d/e/i/h) / Bluetooth 4.0
<b>Communication optional</b>	UMTS (EU/US/JPN)
<b>Communication protocol</b>	OCPP 1.5 S, 1.6 S, 1.6 J
<b>Positioning</b>	GPS / WiFi

### Physical properties

<b>Housing</b>	Polycarbonate
<b>Dimensions (mm)</b>	328 x 186 x 161 mm (LxWxH)
<b>Weight</b>	6kg - 1 phase 16A station with 4 meter charge cable 11 kg (max.) - 3 phase 32A station with 8 meter charge cable
<b>Mounting</b>	Wall
<b>Maximum installation height</b>	+2000m above sea level
<b>Standard colors</b>	Misty Black, Forrest Green, Polar White

Dimensions in mm:



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