aireTEC

Unlocking the Solution to a Sustainable Future

EVBOX
ELVI

Product catalogue 2024

www.airetec.sg

TRIED AND
TESTED HOME CHARGING

Easy to use and safe for your home, our best-selling home charging station is an extremely versatile option for private and company cars alike.

✅ EASY TO USE

Plug in to charge, and unplug to drive. EVBox Elvi makes home charging as easy as possible. Control charging sessions via your phone and schedule charging during off-peak hours to save on electricity costs.

🛡 VERSATILE SOLUTION

With flexible configurations, an optional MID-certified meter, and the freedom to choose any charging management software, EVBox Elvi is a truly versatile solution for both private and company cars.

COMPATIBLE WITH ALL ELECTRIC AND HYBRID PLUG-IN VEHICLES

THANKS TO ITS OPTIONAL MID-CERTIFIED METER, EVBOX ELVI MAKES IT EASY TO REIMBURSE CHARGING COSTS VIA A CONNECTED SOFTWARE BACKEND OF YOUR CHOICE.

Six more reasons to choose EVBox Elvi

01. Tried and tested
With a new and improved design used across thousands of homes, you can rely on EVBox Elvi for a fully charged EV and a safe charging environment.

02. Remote assistance
Thanks to EVBox Elvi's software, our dedicated support team can assist you remotely without having to dispatch a field technician.

03. Quick installation
With just three components: the wall dock, station, and cable, and the EVBox Connect app for quick set up, EVBox Elvi is easy to work with for installers.

04. Flexible configurations
With a fixed cable or socket, and a cable holder to prevent wear and tear, EVBox Elvi comes in a range of options to make charging work for you.

05. Smart charging-compatible
EVBox Elvi is compatible with dynamic load balancing solutions that safely balance energy usage between your charger and other home appliances.

06. Set charging profiles
Schedule charging during off-peak hours via EVBox Everon charging management software to save on electricity costs.

Spectra Moon App

Experience a seamless and intuitive design that makes navigating through the app a breeze. Find everything you need at your fingertips for a better user experience.
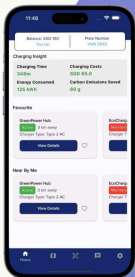
DOWNLOAD THE FREE APP

Available on the App Store

GET IT ON Google Play
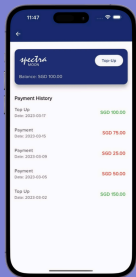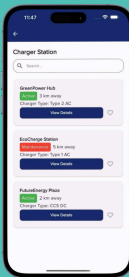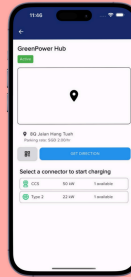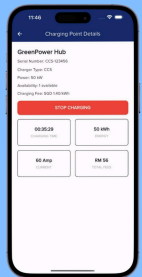
TECHNICAL SPECIFICATIONS

ELECTRICAL PROPERITIES

Maximum charging rate(1)	Up to 22 kW
Charging mode	Mode 3 (IEC 61851-1)
Connector Type	IEC 62196-1, IEC 62196-2 compliant: Type 2 fixed cable, 6 m charging cable Type 2 socket
Connection capacity	1-phase, 230 V, 16 A or 32 A, 50 Hz 3-phase, 400 V, 16 A or 32 A, 50 Hz
kWh meter(1)	3-phase MID-certified meter
Leakage current detection	Tripping times and limits are compliant with IEC 61851-1:2017 Cl. 8.5. (in accordance with IEC 62955:2018 Table 2)

ENVIRONMENT AND SAFETY CLASS

Operating temperature	-25 °C to +45 °C (2)
Storage temperature	-25 °C to +60 °C
Maximum installation altitude	2000 m
Enclosure ratings	IP 55 (IEC 60529), IK 10 (IEC 62262)
Safety class	Safety Class 1 I and overvoltage Category III

CONNECTIVITY

Authorization	RFID reader (MIFARE® 13.56 MHz)
Communication standard (not applicable for satellite stations)	Wi-Fi (1) · Wi-Fi 2.4 / 5 GHz · Wi-Fi 2.4 GHz Bluetooth 4.0
Cellular communication(1)	4G / 2G 3G / 2G
Hub-satellite RF communication(1)	869 MHz

PHYSICAL PROPERTIES

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Dimensions (W x H x D)	Fixed cable 186 x 328 x 161 mm Socket 186 x 328 x 219 mm
Dimensions cable dock (W x H x D)	122 x 197 x 94 mm
Total station weight(1)	Fixed cable Maximum 7 kg (dependent on cable type) Socket 3.5 to 4.0 kg

CERTIFICATION AND COMPLIANCE

Power supply input	EV supply equipment permanently connected to AC supply network
Power supply output	AC EV supply equipment
Normal environmental conditions	Indoor and outdoor use
Access	Equipment for locations with non-restricted access
Equipment type	Stationary equipment that is wall-mounted or pole-mounted

1 - Dependent on charging station model
2- Derating of output power may occur

EVBOX ELVI FIXED CABLE

186 mm

161 mm

328 mm
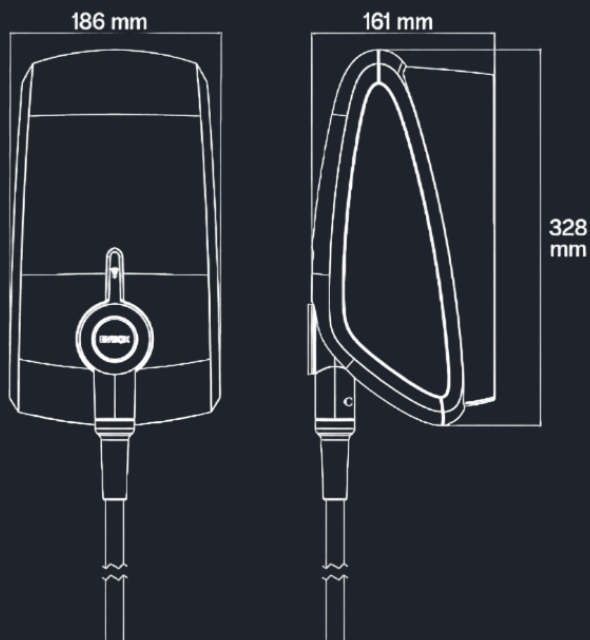
THANK YOU

Thank you to our esteemed audience for helping us envision a future where businesses prioritize people and the planet alongside profits. Your support is vital. Let's innovate together to create a positive legacy for future generations.

GENERAL SUPPORT

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SOFTWARE SUPPORT

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