Qoltec EV Charging Station Type2 | 3 phases | 22kW | 32A | Wi-fi | LCD | RFID | Smart life | TUYA | Wallbox | 5m

Product code: 52723

A 22kW three-phase EV charging station, equipped with an RFID card reader and an LCD screen, enables fast and convenient charging of electric vehicles with a European socket. Thanks to its high power output and a current of 32A per phase, users can enjoy a fully charged vehicle in just a few hours. Users can monitor and manage the charging process via a mobile app. The station is compatible with many electric vehicle models, making it a versatile and reliable choice for both domestic and commercial use.

THE BEST SOLUTION FOR CHARGING ELECTRIC VEHICLES

Fast charging for electric cars with European socket

Don't let the low charge of your battery prevent you from using your electric vehicle. **With the help of Qoltec's 3 phase charging station, you can charge your car's battery 10 times faster** . With 32A per phase, charging is fast and efficient. **The device offers options for mounting on a wall or on a freestanding post** , making it ideal for both home garages and commercial parking lots.

A secure connection to the system

The charging station **is fitted with a 'Wall End Wire' power cable, designed for direct connection to the electrical installation** . The exposed wires allow for permanent installation by an electrician, in accordance with the requirements of a single-phase or three-phase installation. Thanks to this solution, **the charger is permanently integrated into the installation, which increases operational reliability.**

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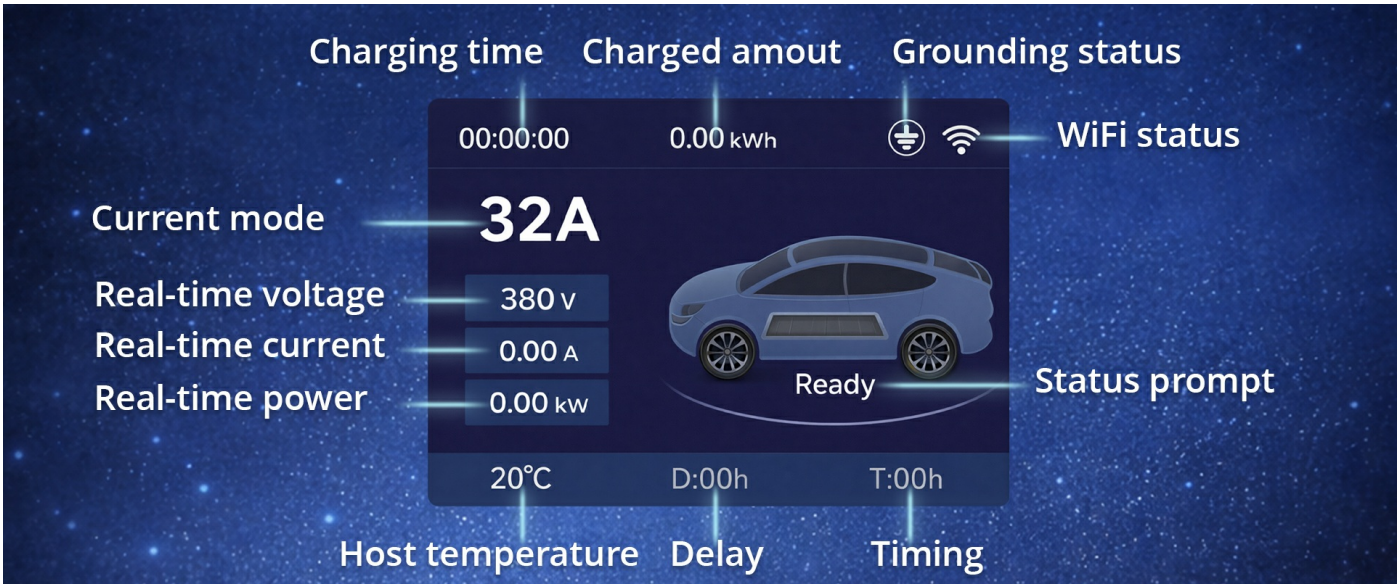
EUROPEAN STANDARD CONNECTOR TYPE 2

High charging power, 7-pin type 2 connector complies with current regulations
The charger has **type 2 connector**, which is currently **an official standard of the European Union** and charges electric cars equipped with a suitable charging socket. The type 2 connector is **7 contacts, of which 3 contacts or 5 are for charging and 2 for communication between the station and the car** . Compatible with most electric cars sold in Europe. It is worth mentioning that the type 2 connector is **designed for electric vehicles with charging power greater than 3kW**.

MULTIFUNCTIONAL LCD DISPLAY



Convenient LCD display, Monitoring of exact charging time, Temperature sensor ensuring safe operation of the charger, Automatic error correction
The product is equipped with **a multifunctional LCD display and LEDs indicating the charging status.**
On the display, you can:
- check **the exact charging time**,
- **monitor the charger's operating temperature in real time thanks to the built-in plug temperature sensor** ; the charger will immediately stop operating if the safe temperature limit is exceeded and will automatically resume operation once the temperature returns to normal,
- monitor the progress of the charging process,

Automatic error correction
In addition, the charger features a smart chip that automatically corrects errors during charging , responding appropriately if any of the parameters exceed the norm, ensuring stable operation of the charger.

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FULL CONTROL OVER THE CHARGING PROCESS OF YOUR ELECTRIC VEHICLE

Monitor and manage charging via your smartphone; start the charger using a dedicated card
Thanks to the ability to **pair your phone with the charger via WiFi**, you can **monitor and manage the charging status in real time using your smartphone**. From the mobile app, you can adjust various charging parameters, such as charging current and charging time, as well as schedule charging sessions to suit your needs. You have full control over the charging process for your electric vehicle. **The built-in RFID card reader enables hassle-free charging authorisation – simply tap your card to start or stop the charging process**.

DELAYED CHARGING FUNCTION

Intuitive operation, smart delayed charging function
You can set a delayed start time for charging and save on energy costs, for example by using a night-time tariff; this is a more economical solution as it does not put a strain on the system. Simply plug the charger into the mains and, before connecting the car, press the delay button a specified number of times or set it in the app. **Pressing the button with the clock icon delays charging by 1 hour with each click.**

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CONVENIENT CHARGING, EASY TO USE

Enjoy a 5-metre charging cable with an ergonomic plug, ensuring convenience and ease of use
If you wish to mount an EV charger on the wall, you should choose a suitable location, preferably close to the car and a power source. You will also need to **install a residual current device (RCD) –** a Type B RCD is the best choice as a means of full supplementary protection. Ensure that the **location is protected from moisture, free from any mechanical damage and not exposed to direct sunlight**. Make absolutely sure this is the case. A high level of convenience is provided by the **5-metre charging cable** with an ergonomic plug.
Safety button **–** Emergency Stop
The charging station is equipped with an emergency stop button, which acts as a safety switch. **In an emergency, it allows you to immediately interrupt the charging process with a single action**, increasing protection for both the user and the vehicle. To restart the device, simply turn the button to the RESET position.

AESTHETIC AND PRACTICAL WALL MOUNTING

Practical wall bracket for mounting the loader gun
The charging gun can be conveniently mounted on the wall for easy access and space saving, especially in confined spaces. The wall mount stabilizes the cable and gun, protecting them from accidental damage and from dirt. With the wall mount, the user can organize the charging station, which enhances the aesthetics and functionality of the charging area in both home garages and commercial parking lots.

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WATER-RESISTANT POLYCARBONATE HOUSING

Durable and weather-resistant housing made from non-flammable polycarbonate, easy outdoor installation, water and dust resistant
Our chargers **are constructed from durable, UV-resistant, non-flammable polycarbonate**. In addition, the charger is highly water-resistant and dustproof. The housing features special holes designed for outdoor installation.

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BE ECOLOGICAL AND POWER YOUR CAR WITH CLEAN ENERGY

Use your own solar energy to charge your car, Recharge your vehicle up to several times faster
Use your own **renewable clean energy from photovoltaics to charge your car** - a way to **reduce your car's running costs and your carbon footprint**. You can recharge your car at any time and even several times faster. The number of panels you will need to charge your car will depend on the characteristics of your battery, the model of your vehicle and the distances you travel.
You can charge it in two ways :
- while the **photovoltaic panels are producing energy -** this is the most cost-effective solution
- **using the excess energy** produced by the photovoltaic panels, which is returned to energy storage or the grid and can be used at a later date.

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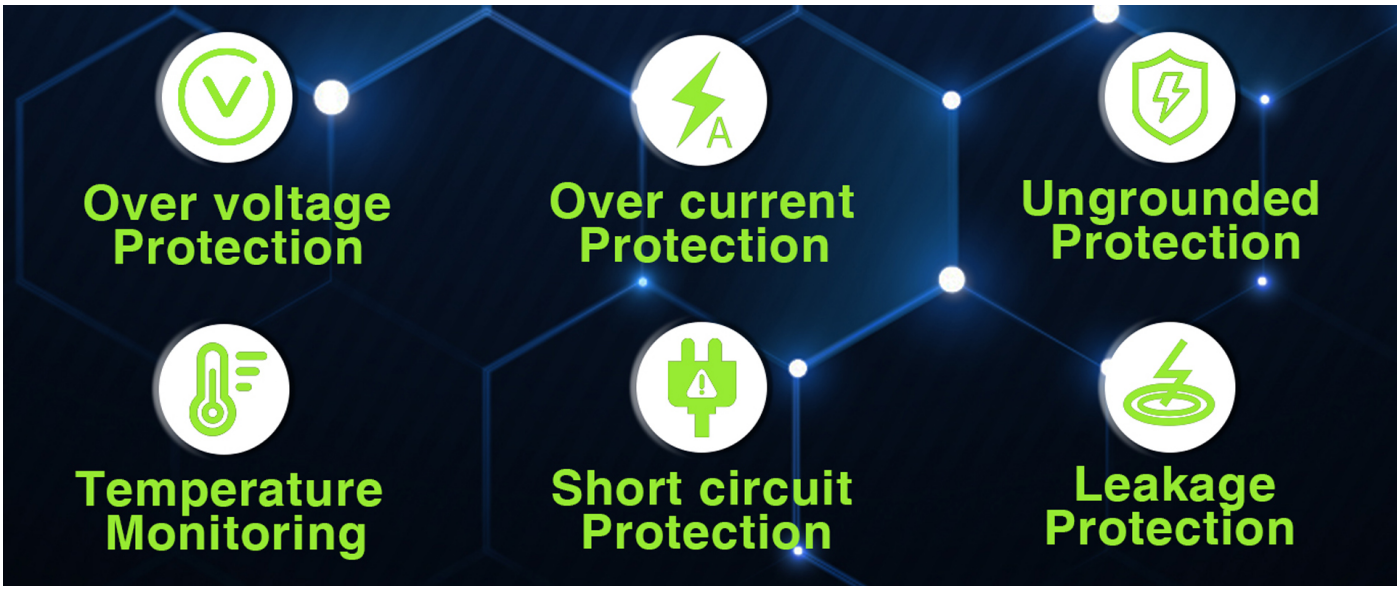
THE SAFETY OF YOU AND YOUR LOVED ONES IS IMPORTANT TO US



Advanced safety features that protect both the car and the user
When designing the chargers, we put safety first. **You can now charge your car safely and quickly. The product has advanced safety features and has LEDs that change colour depending on the current status**.

CONFIDENCE CONFIRMED BY A WARRANTY

Product comes with a 24-month warranty
Do you care about the high quality of the product you are buying? Our solutions will meet your expectations. The chargers we offer come with a **24-month guarantee** from the date of purchase.

TECHNICAL DATA

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Producer	Qoltec
Type	2
Number of phases	3
Maximum power	22kW
Rated voltage	400VAC (L1 + L2 + L3 + N + PE)
Operating current	32A (max)
Frequency	50Hz
Plug type	32A
Conductor cross-sectional area	5*6mm +1*0.5mm
Diameter of the cable	16.8mm
Cable length	5m charging cable / 0.54 m 'Wall End Wire' power cable
Insulation material	TPU/TPE
Display	LCD
Compatibility	TYPE 2 compatible with most electric cars in Europe
Safety	Overvoltage protection Undervoltage protection Thermal overload protection Short-circuit protection Leakage current protection Grounding Temperature monitoring
IP Rating	IP65
Working temperature	-25°C ~ +45°C
Humidity	5%-95%HR
Notices	Only use the charger if the mains supply is fitted with a residual current circuit breaker Do not attempt to repair the appliance yourself Please do not use the device with an additional power supply
Additional information	Dedicated Smart Life app The EV charging current is adjusted to match the requirements of the on-board charger (OBC) in the electric car. In the Tuya app, you can adjust the charging current within a range of 1A to 32A.
OTHER PARAMETERS	
Colour	Black, green
Material	PC + ABS
Dimensions (D/L x W x H)	75 x 175 x 320 mm (charger statnion) | 210 x 70 x 60 mm (charger)
Package contents	1 x EV charger 1 x Wall mounting bracket for charger 1 x Mounting screws 1 x User manual 2 x EV Card + case
Package	Box
Package depth / length [mm]	400
Package width [mm]	480
Package height [mm]	160
Net weight [kg]	5.000
Gross weight [kg]	5.600
Certificate	CE
Warranty	24 month
EAN code	5901878527239

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