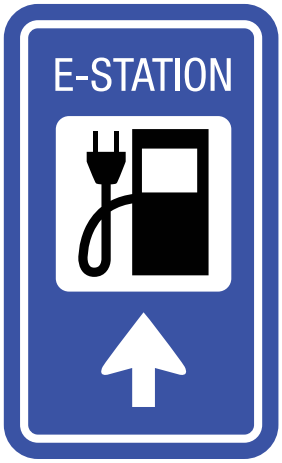
E-station

Electric Vehicle Charge Points



Tesla Model S compatible charging stations for home, office and intercity travel

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E-Station is pleased to announce the introduction of new three phase Tesla Model S compatible AC charging stations for home, office and intercity travel.

The Model Tesla S comes standard with a 10 kW on-board AC charger or an optional dual AC charger capable of drawing 20 kW of electricity. The Model S has a car side IEC62196 Type 2 (Mennekes) socket that will accept a Type 2 connector. The standard AC charger will add around 56 km to the range of the Tesla Model S per hour of charge and charge the Tesla to 80% of capacity in around six hours and 48 minutes. The dual AC charger will add around 112 km to the range of the Tesla Model S per hour of charge and charge the Tesla to around 80% in three hours and 24 minutes.

The rate of charge will slow once the battery reaches 80% capacity.

The range of the Tesla Model S with an 85 kWh battery pack at freeway speeds (100 km per hour) is around 400 km. This assumes that 85% of the battery (76.5 kWh) is available before the car goes into power saving mode.

E-Station Tesla Model S Home / Office 3 Phase Wall Mounted Charging Station.

The E-Station Tesla Model S wall mounted three phase charging station is designed for the home or office. The station is equipped with a Type II VDE-AR-E 2623-2-2 IEC62196-2 (Mennekes) plug that fits directly into the Model S AC charging socket. The cable length between the station and the plug is five meters. The station can be configured as stand alone or connected to the E-Station network via the on-board 3G modem.

- supplies up to 21 kW per hour @ 32 amps from a three phase connection
- Tesla Model S equipped with a single AC charger and an 85 kWh battery pack
  - o adds 56 km to the range of the Tesla Model S per hour of charge up to 80% of battery capacity
  - o will charge the Tesla Model S to 80% in around six hours and and 45 minutes
- Tesla Model S equipped with a dual AC charger and an 85 kWh battery pack
  - o adds 92 km to the range of the Tesla Model S per hour of charge up to 80% of battery capacity
  - o will charge the Tesla Model S to 80% in around three hours and 24 minutes
- Input voltage: 400V AC three phase
- Input frequency: 50 to 60 Hz
- Power supplied 21 kW from a three phase connection
- Maximum amps: 32A.
- Temperature range: -10 +45 °C
- Extended temperature range with heater: -30 - +45 °C
- Weather protection: IP 54. Impact protection: IK 10
- Dimensions: 320x225x125 mm
- Weight: 4 kg
- Enclosure: ABS Plastic
- Charging Protocol: MODE 3 (IEC 61851)
- Can be configured as stand alone or connected to the E-Station network via the on-board 3G modem for commercial installations
- European quality. Made in Spain by Circontrol www.circarlife.com

CIRCONTROL

Intercity Fast Charging Station

Trio Fast Charging Station with Tesla Model S Compatible AC Charging Cable

The Trio Fast Charging Station has an AC charging cable that delivers up to 43kW of power to a type 2 IEC62196-2 (Mennekes) compatible car such as the Tesla Model S.
The Trio is also capable of delivering a DC fast charge to CHAdeMO and CCS compatible cars.

- 1 DC CSS Combo 1 mode cable/connector
- 1 DC CHAdeMO mode 4 JEVS G105 cable connector
- 1 AC Mode3 Type 2 (Mennekes) cable connector for Tesla Model S (optional)
- Compatibility with 400V AC three phase AC power supply at a frequency of 50 / 60 Hz
- Nominal input current 143 A
- Required power supply capacity 103 kVA
- DC Output
  - Maximum output current 120 A
  - Maximum output power 50 kW
  - Output voltage range 50 - 500 VDC
- AC Output
  - Maximum output current 63 A
  - Maximum output power 43 kW
  - Output voltage range 400V AC 3P + N + PE
- Networkable via on-board 3G/GPRS/GSM modem
- Integration with
  - Remote charging station management system
  - Driver management web based portal
  - Compatibility with OCPP (Open Charge Point Protocol) based software
  - Safe and secure driver authorisation system
  - Iphone and Android smart phone applications

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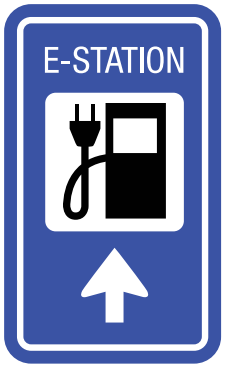
Charge Points



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"Be part of something better"