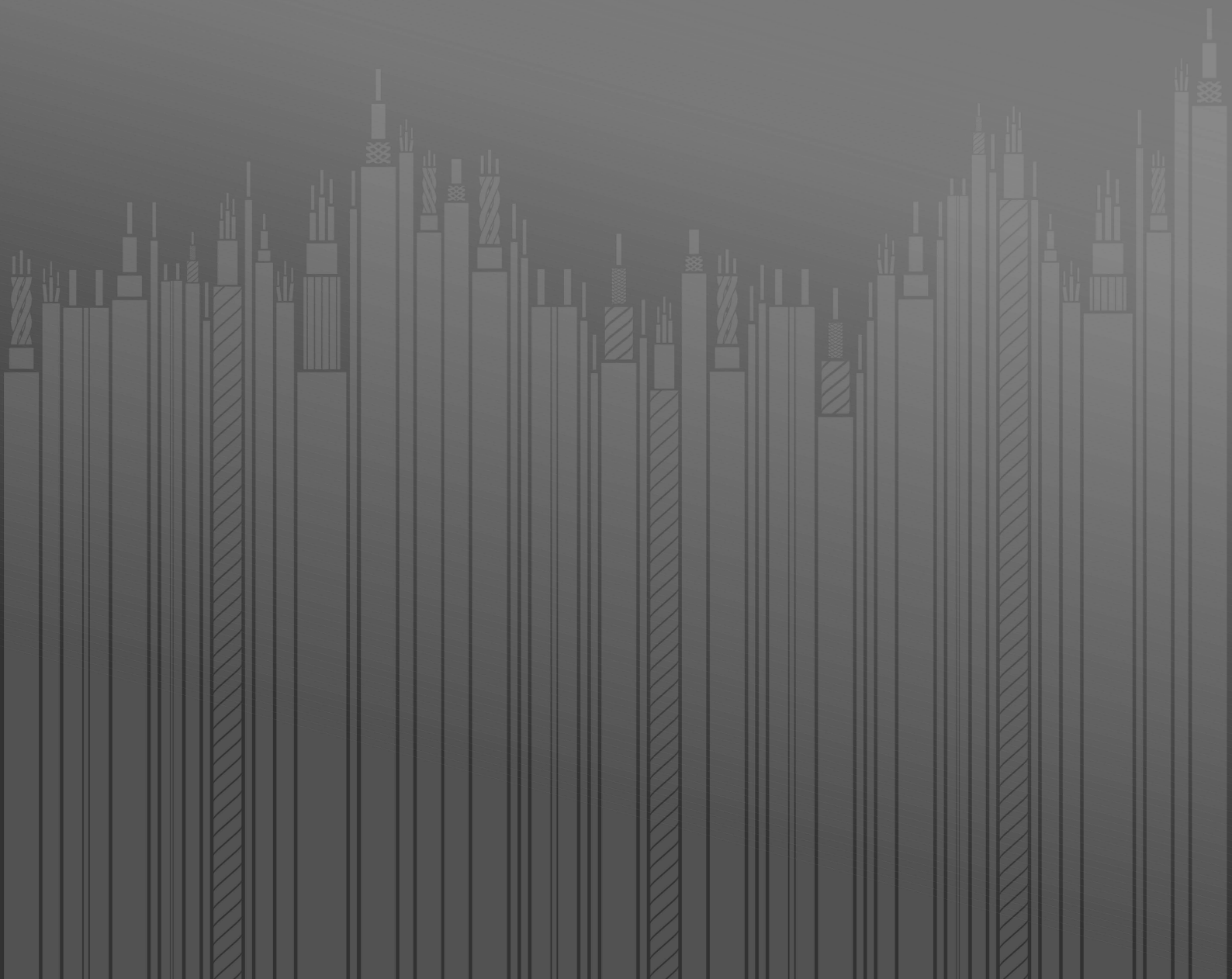


E-MOBILITY

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Charging cable *Speedmaster T1-16A*



Charging mode:	Mode 2
Rated current:	16 A
Rated voltage:	230 V
Plug (for vehicle):	TYPE 1 / SAE J1772 (YAZAKI)
Charging clutch:	UNISCHUKO
Operating temperature:	- 30 °C to + 70 °C
Max. charging power:	3,7 kW

Cable cross-section: 4 × 2,5 mm²

Cable length: 5 m (longer available on request)

Cable color: black

APPLICATION

Charging cable for electric cars.

COMPATIBLE WITH CARS

Chevrolet Volt, Chevrolet Spark EV, Citroen C-Zero, Fisker Karma, Ford C-Max Energi, Ford Focus EV, Ford Fusion Energi, Lightning EV, MIA Electric Van, MIA Electric, Mitsubishi Outlander PHEV, Nissan e-NV200, Nissan Leaf, Peugeot iON, Renault Kangoo, Toyota Prius Plug-in Hybrid, Vauxhall Ampera, Chrysler Pacifica Plug-in Hybrid, FIAT 500e, Volkswagen, ŠKODA

FEATURES OF THE CHARGING CABLE

- Temperature monitoring of switching elements and plug
- Overvoltage and undervoltage monitoring
- RCD type B
- Automatic check of electronics during plugging the charging cable into a power outlet
- Control of the ground and neutral wires before each charging
- Selectivity of charging current (range: 6A / 8A / 10A / 13A / 16A) via control and LED on aluminium box

Charging cable *Speedmaster T1-32A*



Charging mode:	Mode 2
Rated current:	32 A
Rated voltage:	230 V
Plug (for vehicle):	TYPE 1 / SAE J1772 (YAZAKI)
Charging clutch:	CEE 32A/5p
Operating temperature:	- 30 °C to + 70 °C
Max. charging power:	6,6 kW

Cable cross-section: 4 × 4 mm²

Cable length: 5 m (longer available on request)

Cable color: black

APPLICATION

Charging cable for electric cars.

COMPATIBLE WITH CARS

Chevrolet Volt, Chevrolet Spark EV, Citroen C-Zero, Fisker Karma, Ford C-Max Energi, Ford Focus EV, Ford Fusion Energi, Lightning EV, MIA Electric Van, MIA Electric, Mitsubishi Outlander PHEV, Nissan e-NV200, Nissan Leaf, Peugeot iON, Renault Kangoo, Toyota Prius Plug-in Hybrid, Vauxhall Ampera, Chrysler Pacifica Plug-in Hybrid, FIAT 500e, Volkswagen, ŠKODA

FEATURES OF THE CHARGING CABLE

- Temperature monitoring of switching elements and plug
- Overvoltage and undervoltage monitoring
- RCD type B
- Automatic check of electronics during plugging the charging cable into a power outlet
- Control of the ground and neutral wires before each charging
- Selectivity of charging current (range: 10A / 13A / 16A / 23A / 32A) via control and LED on aluminium box

Charging cable *Speedmaster T2-16A*



Charging mode:	Mode 2
Rated current:	16 A
Rated voltage:	230 V
Plug (for vehicle):	TYPE 2 / IEC 62196-2 (MENNEKES)
Charging clutch:	UNISCHUKO
Operating temperature:	- 30 °C to + 70 °C
Max. charging power:	3,7 kW

Cable cross-section: 4 × 2,5 mm²

Cable length: 5 m (longer available on request)

Cable color: black

APPLICATION

Charging cable for electric cars.

COMPATIBLE WITH CARS

Tesla model S, Tesla model X, Tesla model 3, BMW i3 94Ah, Audi Q7 e-tron, Mercedes-Benz Classe B Electric, Mercedes-Benz Vito E_CELL, Renault Zoe, Smart For-Two ED, Volkswagen, ŠKODA

FEATURES OF THE CHARGING CABLE

- Temperature monitoring of switching elements and plug
- Overvoltage and undervoltage monitoring
- RCD type B
- Automatic check of electronics during plugging the charging cable into a power outlet
- Control of the ground and neutral wires before each charging
- Selectivity of charging current (range: 6A / 8A / 10A / 13A / 16A) via control and LED on aluminium box

Charging cable *Speedmaster T2-32A*



Charging mode:	Mode 2
Rated current:	32 A
Rated voltage:	230 V
Plug (for vehicle):	TYPE 2 / IEC 62196-2 (MENNEKES)
Charging clutch:	CEE 32A/5p
Operating temperature:	- 30 °C to + 70 °C
Max. charging power:	6,6 kW

Cable cross-section: 4 × 4 mm²

Cable length: 5 m (longer available on request)

Cable color: black

APPLICATION

Charging cable for electric cars.

COMPATIBLE WITH CARS

Tesla model S, Tesla model X, Tesla model 3, BMW i3 94Ah, Audi Q7 e-tron, Mercedes-Benz Classe B Electric, Mercedes-Benz Vito E_CELL, Renault Zoe, Smart For-Two ED, Volkswagen, ŠKODA

FEATURES OF THE CHARGING CABLE

- Temperature monitoring of switching elements and plug
- Overvoltage and undervoltage monitoring
- RCD type B
- Automatic check of electronics during plugging the charging cable into a power outlet
- Control of the ground and neutral wires before each charging
- Selectivity of charging current (range: 10A / 13A / 16A / 23A / 32A) via control and LED on aluminium box

Charging cable *Speedmaster T2-3×16A*



Charging mode:	Mode 2
Rated current:	3×16 A
Rated voltage:	400 V
Plug (for vehicle):	TYPE 2 / IEC 62196-2 (MENNEKES)
Charging clutch:	CEE 16A/5p
Operating temperature:	- 30 °C to + 70 °C
Max. charging power:	11 kW

Cable cross-section: 5 × 2,5 mm² + 0,75 mm²

Cable length: 5 m (longer available on request)

Cable color: black

APPLICATION

Charging cable for electric cars.

COMPATIBLE WITH CARS

Porsche Cayenne S Hybrid, Hyundai Ioniq Electric, BMW i3 60Ah, BMW i3 94Ah, Audi Q7 e-tron, Mercedes-Benz Classe B Electric, Mercedes-Benz Vito E_CELL, Renault Zoe, Smart For-Two ED, Volkswagen, ŠKODA

FEATURES OF THE CHARGING CABLE

- Temperature monitoring of switching elements and plug
- Overvoltage and undervoltage monitoring
- RCD type B
- Automatic check of electronics during plugging the charging cable into a power outlet
- Control of the ground and neutral wires before each charging
- Selectivity of charging current (range: 6A / 8A / 10A / 13A / 16A) via control and LED on aluminium box

Charging cable *Speedmaster T2-3×32A*



Charging mode:	Mode 2
Rated current:	3×32 A
Rated voltage:	400 V
Plug (for vehicle):	TYPE 2 / IEC 62196-2 (MENNEKES)
Charging clutch:	CEE 32A/5p
Operating temperature:	- 30 °C to + 70 °C
Max. charging power:	22 kW

Cable cross-section: 5 × 4 mm² + 0,75 mm²

Cable length: 5 m (longer available on request)

Cable color: black

APPLICATION

Charging cable for electric cars.

COMPATIBLE WITH CARS

Tesla model S, Tesla model X, Tesla model 3, BMW i3 94Ah, Audi Q7 e-tron, Mercedes-Benz Classe B Electric, Mercedes-Benz Vito E_CELL, Renault Zoe, Smart For-Two ED, Volkswagen, ŠKODA

FEATURES OF THE CHARGING CABLE

- Temperature monitoring of switching elements and plug
- Overvoltage and undervoltage monitoring
- RCD type B
- Automatic check of electronics during plugging the charging cable into a power outlet
- Control of the ground and neutral wires before each charging
- Selectivity of charging current (range: 10A / 13A / 16A / 23A / 32A) via control and LED on aluminium box

Wallbox Speedmaster BASIC

Max. charging power:	22 kW
Charging mode:	Mode 3
Socket:	TYPE 2 / output cable with T1 or T2
Rated current:	32 A
Rated voltage:	400 V
Ingress protection (IP):	65
Operating temperature:	- 15 °C to + 50 °C

Dimensions (H × W × D):	320 × 235 × 130 mm
Weight:	4,5 kg
Cable cross-section:	5 × 4 + 0,75 mm ²
Cable length:	5 m (longer available on request)
Cable color:	black

APPLICATION

Charging station for electric cars.

DESIGN OPTIONS

With socket TYPE 2



With cable with plug T2 or T1



WALLBOX FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
- Free access to charging
- Temperature monitoring of switching elements and plug or socket
- Automatic check of el. components, proper connection of ground and neutral wires before each charging

Wallbox Speedmaster BASIC RFID

Max. charging power:	22 kW	Dimensions (H × W × D):	320 × 235 × 130 mm
Charging mode:	Mode 3	Weight:	4,5 kg
Socket:	TYPE 2 / output cable with T1 or T2	Cable cross-section:	5 × 4 + 0,75 mm ²
Rated current:	32 A	Cable length:	5 m (longer available on request)
Rated voltage:	400 V	Cable color:	black
Ingress protection (IP):	65		
Operating temperature:	- 15 °C to + 50 °C		

APPLICATION

Charging station for electric cars.

DESIGN OPTIONS

With socket TYPE 2



With cable with plug T2 or T1



WALLBOX FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
- Free access to charging
- Temperature monitoring of switching elements and plug or socket
- Automatic check of el. components, proper connection of ground and neutral wires before each charging
- **option of RFID card authentication**

Wallbox *Speedmaster* SMART

Max. charging power:	22 kW
Charging mode:	Mode 3
Socket:	TYPE 2 / output cable with T1 or T2
Rated current:	32 A
Rated voltage:	400 V
Ingress protection (IP):	65
Operating temperature:	- 15 °C to + 50 °C

Dimensions (H × W × D):	320 × 235 × 130 mm
Weight:	4,5 kg
Cable cross-section:	5 × 4 + 0,75 mm ²
Cable length:	5 m (longer available on request)
Cable color:	black

APPLICATION

Charging station for electric cars.

DESIGN OPTIONS

With socket TYPE 2



With cable with plug T2 or T1



WALLBOX FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
- Free access to charging
- Temperature monitoring of switching elements and plug or socket
- Automatic check of el. components, proper connection of ground and neutral wires before each charging
- option of RFID card authentication
- **MID electrometer**
- **RS485 communication**

Wallbox Speedmaster SUPREME

Max. charging power:	22 kW	Dimensions (H × W × D):	320 × 235 × 130 mm
Charging mode:	Mode 3	Weight:	4,5 kg
Socket:	TYPE 2 / output cable with T1 or T2	Cable cross-section:	5 × 4 + 0,75 mm ²
Rated current:	32 A	Cable length:	5 m (longer available on request)
Rated voltage:	400 V	Cable color:	black
Ingress protection (IP):	65		
Operating temperature:	- 15 °C to + 50 °C		

APPLICATION

Charging station for electric cars.

DESIGN OPTIONS

With socket TYPE 2



With cable with plug T2 or T1



WALLBOX FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
- Free access to charging
- Temperature monitoring of switching elements and plug or socket
- Automatic check of el. components, proper connection of ground and neutral wires before each charging
- option of RFID card authentication
- MID electrometer
- RS485 communication
- **Control unit**
- **Dynamic power management**
- **OCCP 1.5 +1.6**
- **RJ45 Ethernet, USB, remote access via web interface**
- **The possibility of billing of energy consumption**

Charging station *Speedmaster BASIC*

Max. charging power:	22 kW
Charging mode:	Mode 3
Socket:	TYPE 2 / output cable with T1 or T2
Rated current:	32 A
Rated voltage:	400 V
Ingress protection (IP):	54
Operating temperature:	- 15 °C to + 50 °C

Dimensions (H × W × D):	1300 × 200 × 150 mm
Weight:	ca. 25 kg

APPLICATION

Charging station for electric cars.



CHARGING STATION FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
- Free access to charging
- Temperature monitoring of switching elements and plug or socket
- Automatic check of el. components, proper connection of ground and neutral wires before each charging

Charging station *Speedmaster BASIC* RFID

Max. charging power:	22 kW	Dimensions (H × W × D):	1300 × 200 × 150 mm
Charging mode:	Mode 3	Weight:	ca. 25 kg
Socket:	TYPE 2 / output cable with T1 or T2		
Rated current:	32 A		
Rated voltage:	400 V		
Ingress protection (IP):	54		
Operating temperature:	- 15 °C to + 50 °C		

APPLICATION

Charging station for electric cars.



CHARGING STATION FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
- Free access to charging
- Temperature monitoring of switching elements and plug or socket
- Automatic check of el. components, proper connection of ground and neutral wires before each charging
- **option of RFID card authentication**

Charging station *Speedmaster SMART*

Max. charging power:	22 kW
Charging mode:	Mode 3
Socket:	TYPE 2 / output cable with T1 or T2
Rated current:	32 A
Rated voltage:	400 V
Ingress protection (IP):	54
Operating temperature:	- 15 °C to + 50 °C

Dimensions (H × W × D):	1300 × 200 × 150 mm
Weight:	ca. 25 kg

APPLICATION

Charging station for electric cars.



WALLBOX FEATURES

- Stainless steel anti-vandal design
- RCD type B
- Charging current selectivity (range: 6A - 32A) with control and LED indication of selected current
- RGB LED charging status indication
- Possibility to split the power in half with 2 wallboxes
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- option of RFID card authentication
- **MID electrometer**
- **RS485 communication**

Charging station *Speedmaster SUPREME*

Max. charging power:	22 kW	Dimensions (H × W × D):	1300 × 200 × 150 mm
Charging mode:	Mode 3	Weight:	ca. 25 kg
Socket:	TYPE 2 / output cable with T1 or T2		
Rated current:	32 A		
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Ingress protection (IP):	54		
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APPLICATION

Charging station for electric cars.



CHARGING STATION FEATURES

- Stainless steel anti-vandal design
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- MID electrometer
- RS485 communication
- **Control unit**
- **Dynamic power management**
- **OCCP 1.5 +1.6**
- **RJ45 Ethernet, USB, remote access via web interface**
- **The possibility of billing of energy consumption**

Service and maintenance

Company PRECON® Ltd. not only provides sales. The need for fast charging of electric cars is solved for our clients in a comprehensive way - i.e. from finding the needs to after-warranty service.

1. DEVELOPING THE DESIGN OF THE SOLUTION

Fill out the questionnaire with the request of the charging station on our website <http://www.precon.cz/e-mobility>, or contact our specialist directly via e-mobility@precon.cz and we will find out your requirements and possibilities of technical solution. Based on information from you, we will prepare a proposal for the implementation of a charging station or the entire charging network of stations.

2. DESIGNING AND EXECUTION OF A SUBSIDY

If interested of realisation of the charging station *Speedmaster*, we will prepare an application for you to draw a subsidy for the purchase of an electric car.

3. REALISATION OF TURNKEY SOLUTION

We will supply the charging stations on a turnkey basis, including the inlet wiring, its activation and user training.

4. WARRANTY AND AFTER-WARRANTY SERVICE

Order warranty and after-warranty service at: servis@precon.cz

Design options of plug endings

TYPE 1 (T1)

SAE J1772
(YAZAKI)



TYPE 2 (T2)

IEC 62196-2
(MENNEKES)

