



Dark is a semi-fast vehicle charger up to 22 kW. The ideal solution for collective garages, single-family houses and companies.

## Characteristics and Advantages



### Variable loading speed

Manual selection of the power limit before and while the charge.



### Type 1 or Type 2

Selectable output Jack: Type 1 (SAE J1772) or Type 2 (IEC 62196, 'Mennekes')



### 5/10 meter hose

Includes a 5/10 meter hose to make the charging in any area easier.

#### + Flexible

Variable charging intensity before and during the process.

#### + Safe

Manufactured with resistant materials and incorporation of lock or wireless control for the activation of the charging point.

#### + State of charge

LED backlight, which shows the state of charge and LCD display with equipment information and configuration.

#### + Dynamic power control

Adjust the load power of your vehicle in order to prevent power cuts. Optimize your charge.

## CHARACTERISTICS OF THE ENVELOPE



- ✓ Material: ABS plastic
- ✓ Protection degree: IP54/IK10
- ✓ Anchor: 4 points on the wall
- ✓ Weight: 3-6 kg
- ✓ Hose holder: included
- ✓ Compact design
- ✓ Max. humidity 25°C: 95%
- ✓ Dimensions: 210x138x320 mm



HOSE TYPE 1



HOSE TYPE 2



SOCKET TYPE 2

Output jack configuration	Hose Type 1 20 Amp	Hose Type 1 32 Amp	Hose Type 2 20 Amp	Hose Type 2 32 Amp	Plug Socket Type 2 20 Amp	Plug Socket Type 2 32 Amp
Connector symbol						
Frequency of input	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz	50 / 60 Hz
Dynamic charging power control (Optional)	✓	✓	✓	✓	✓	✓
Lock / Remote for activation	optional	optional	optional	optional	optional	optional
Configurable output current	6-20A	6-32A	6-20A	6-32A	6-20A	6-32A
Operating temperature (°C)	-15°C to 45°C	-15°C to 45°C	-15°C to 45°C	-15°C to 45°C	-15°C to 45°C	-15°C to 45°C
Power control	Mode 3 control PWM, according ISO/IEC 61851	Mode 3 control PWM, according ISO/IEC 61851	Mode 3 control PWM, according ISO/IEC 61851	Mode 3 control PWM, according ISO/IEC 61851	Mode 3 control PWM, according ISO/IEC 61851	Mode 3 control PWM, according ISO/IEC 61851
Recharge status	LED backlight & Display	LED backlight & Display	LED backlight & Display	LED backlight & Display	LED backlight & Display	LED backlight & Display
Type of connector	SAE J1772	SAE J1772	IEC 62196-2	IEC 62196-2	IEC 62196-2	IEC 62196-2
Connector lockout (Optional)					✓	✓
Input voltage	230 VAC	230 VAC	230 VAC	230 / 400 VAC	230 / 400 VAC	230 / 400 VAC
Output power per tap	1,4 - 4,6 kW	1,4 - 7,4 kW	1,4 - 4,6 kW	1,4 - 22 kW	1,4 - 11 kW	1,4 - 22 kW
Solar powered (Optional)	✓	✓	✓	✓	✓	✓



With the dynamic power control, you will be able to make an intelligent charge of your car with the surplus power of your installation. It will also be valid for self-consumption photovoltaic installations, optimizing as much as possible your charge.

