

## Technical specifications DCNEO-A-D130-5



250V32A Model 2 Charging cable with type 2 vehicle connector, be used for AC charging interface charging of European standard electric vehicle.

### Product description

Used for AC charging interface charging of European standard electric vehicle

### Advantages

- ✔ Streamlined design with beautiful appearance
- ✔ The shell is designed as a whole
- ✔ The contacts of power terminal and signal terminal are silver plated
- ✔ Enterprise has passed ISO 9001:2015
- ✔ Ergonomic design at the handle, antiskid treatment
- ✔ The product has passed CE certification and its performance is safe and reliable.
- ✔ Multiple seal structure design, excellent waterproof performance
- ✔ Products are available in many colors and can be customized according to requirements

### Technical parameter

#### Product definition

Product type	Model 2 Charging cable with type 2 vehicle connector
Type	The color of the cable is black/orange
Standards / procedures	IEC62196-2014
	IEC61851-2017
Voltage type	AC
Charging mode/case type	Mode 2, case B

#### Size

Length of vehicle connector	231mm
Width of vehicle connector	69mm
Height of vehicle connector	195mm
Cable length	5m(Reference )

## Technical parameter

### Size

Length of Control box	222mm
Width of Control box	67mm
Height of Control box	43.5mm
Cable length	N/A

### Environment condition

Ambient temperature (operation)	-30 °C ..... 50 °C
Ambient temperature (storage / transportation)	-40 °C ..... 80
Maximum altitude	2000m
IP code	IP54 (Unmated)
	IP55(Mated)

### Electrical characteristics

Charging power	4kW
Phase number	Single-phase
Number of power pins	3pcs(L1,N, PE)
Rated current of high power contact	32A
Rated voltage of power contact	250 V AC
Number of signal contacts	2pcs (CP, PP)
Rated current of signal contact	2 A
Rated voltage of signal contact	30 V AC
Signal transmission type	PWM
Precautions in connection method	Crimp connection, do not disconnect
R6 resistance	-
R7 resistance	-
RC resistance	220Ω

### Mechanical properties

Insertion / extraction times	> 10000
Insertion force	< 80N
Pull-out force	< 80N

### Structural characteristics

Shell color	Black / White
Insulator color	Black
Contact color	silvery
Cover color	Black
Customized type	According to customer requirements

## Technical parameter

### Material

Shell material	Plastic
Contact material	Copper
Button material	Kirsite
Seal material	rubber
Insulator material	Plastic
Flame retardant grade	V0
Contact surface material	Ag

### Cable

Cable structure	3 x 6.0mm <sup>2</sup> + 2 x 0.5mm <sup>2</sup> (Reference )
Wiring standards / specifications	IEC 61851-2017
Wiring authentication	UL/TUV
Cable outer diameter	16.0mm ±0.4 mm(Reference )
Cable Type	Straight type
Outer sheath, material	TPE(Reference )
Outer jacket, color	Black / orange(Reference )
Minimum bending radius	15 x diameter

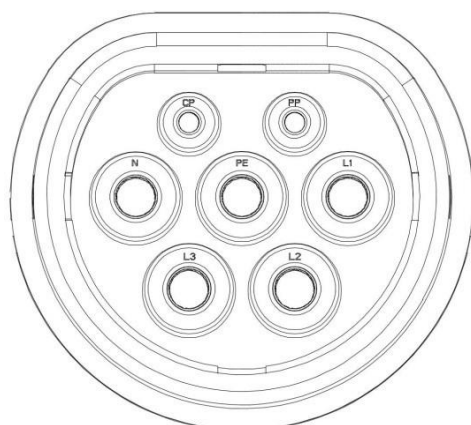
### Locking device

Locking type	Electronic locking
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### Environmental protection requirements

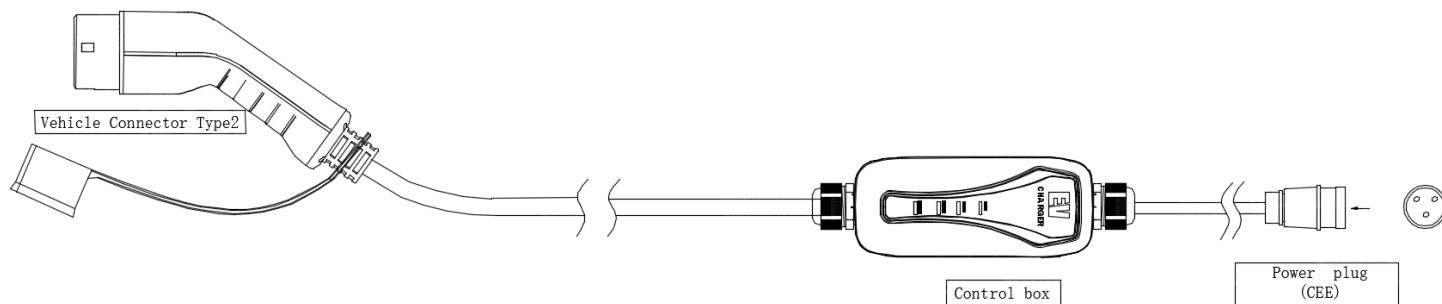
REACH SVHC	Lead 7439-92-1
China RoHS	Environmental protection service life= 10;

## Product drawing

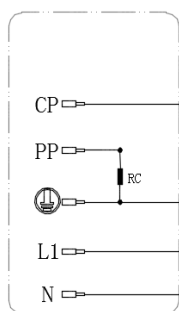


Layout of type 2 vehicle connector pins

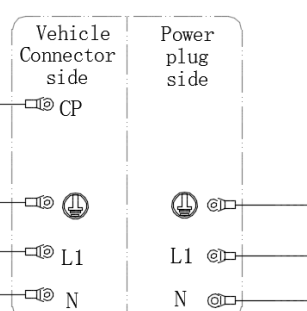
## Product drawing



Vehicle Connector wiring diagram



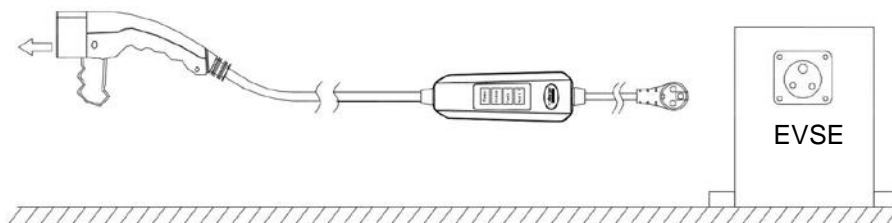
Control box wiring diagram



Mode 2 charging cable with type 2 vehicle connector

## Operation guide

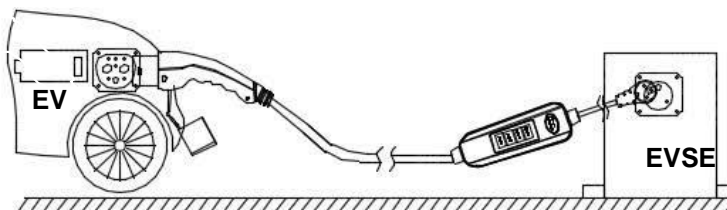
### Step 1: Pull out the cover



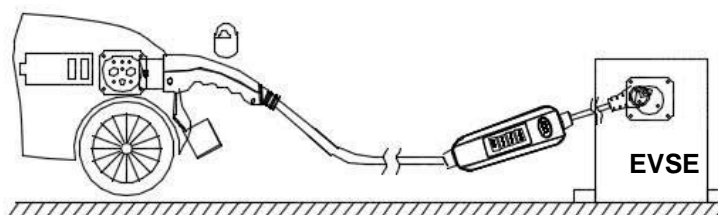
Sketch Map

## Operation guide

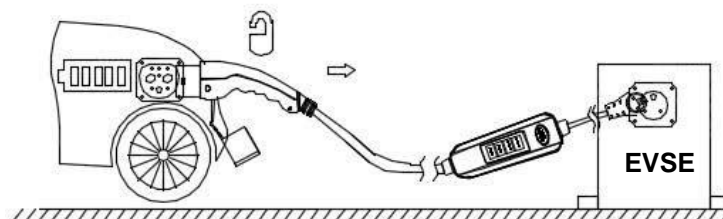
### Step 2: Plug the charging plug into the socket



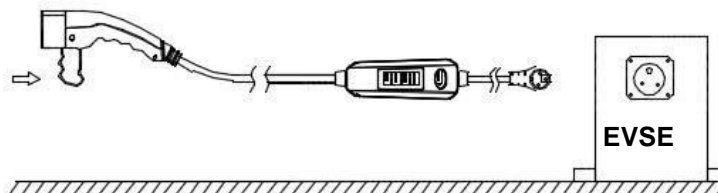
### Step 3: Start charging



### Step 4: After charging, press the button and pull out the charging plug



### Step 5: Pull on the cover



Sketch Map

**Enclosure** (Optional, see the corresponding specifications for details)

Hanging plug empty socket - DCNEO-A-F000-0

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Used in charging post or charging station, fixed charging plug

Vehicle inlet-DCNEO-A-F13L-3

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It is installed on the electric vehicle and used for charging the electric vehicle, compatible with the charging plug, conforming to IEC69196-2014 250V16A, with a wire length of 0.7m, rear installation mode and screw connection.