

# EV-GBM3C-1AC32A-5,0M6,0ESOC00 - AC charging cable



1621475

<https://www.phoenixcontact.com/us/products/1621475>

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CHARX connect, GB/T, cable: 5 m, straight, GB/T 20234.2, Mobile AC charging cable with Vehicle Connector and Infrastructure Plug



## Product description

Mobile AC charging cable with vehicle charging connector and infrastructure charging plug for charging electric vehicles with alternating current (AC), compatible with AC GB/T vehicle charging inlets and AC GB/T infrastructure charging sockets at charging stations

## Commercial data

Item number	1621475
Packing unit	1 pc
Minimum order quantity	1 pc
Product key	XWBAAF
GTIN	4046356934015
Weight per piece (including packing)	1,984 g
Weight per piece (excluding packing)	1,960 g
Country of origin	DE

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## Technical data

### Product properties

Product type	AC charging cable
Product family	CHARX connect
Charging standard	GB/T
Charging mode	Mode 3

### Electrical properties

#### Charging power and current (AC charging, 1-phase)

Type of charging current	AC single-phase
Charging current	32 A AC (1-phase)
Charging power	8 kW
Rated voltage	250 V

### Cable/line

Cable length	5 m
Cable type	Class 6
Cable type	straight
Cable structure	3 x 6.0 mm <sup>2</sup> + 1 x 0.5 mm <sup>2</sup>
External cable diameter	13.90 mm ±0.3 mm
Outer sheath, material	TPE
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)
Bending radius	min. 208.5 mm (15x diameter)
Cable length	5 m
External cable diameter	13.90 mm ±0.3 mm
Cable type	Class 6
Cable resistance	≤ 0.0033 Ω/m (based on a power core, at an ambient temperature of 20°C)

### Standards and regulations

#### Standards

Standards/regulations	GB/T 20234.2
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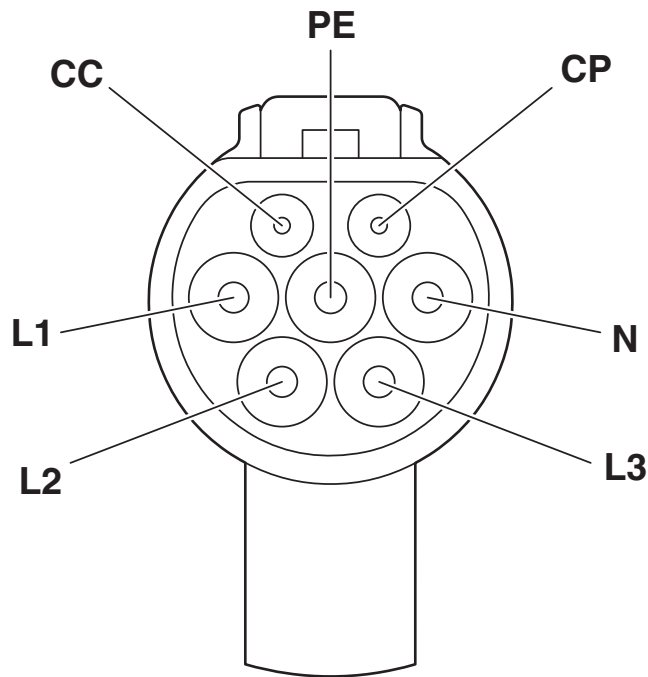
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## Drawings

Connection diagram



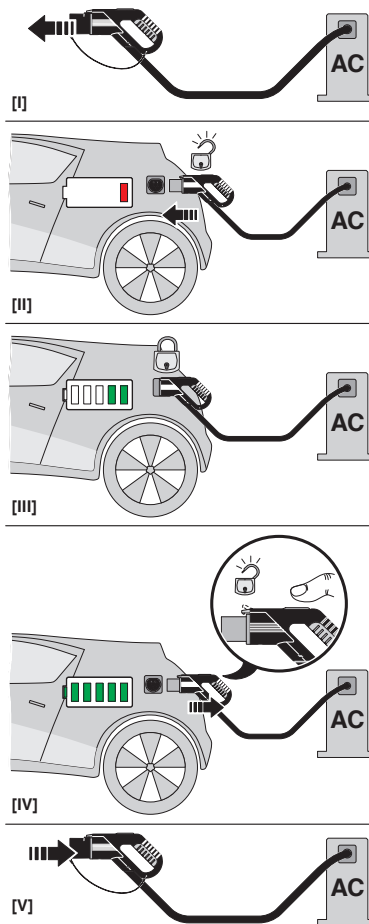
Pin assignment of the Vehicle Connector

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## Schematic diagram



## Operating instructions

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## Classifications

### UNSPSC

UNSPSC 21.0	39121522
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## Environmental product compliance

### China RoHS

Environment friendly use period (EFUP)	EFUP-10 An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
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### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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