

E-Mobility – Charging cable type 2 to type 2



Data Sheet

Technical Specification

Cable	Type	TPU jacket
	Length	Available with 3m, 5m, 7.5m, 10m
	Cable	5G2.5mm ² (16A) / 5G6mm ² (32A)
	Color	Black
Design Standard	Plug	EN 62196-2 (Type 2)
Electric spec	Rated voltage	240/415Vac
	Rated power	7.4kW/11kW / 22kW
	Rated current	16A / 32A
	No. of phase	1/3-Phase
	Contact resistance	0.5mΩ (Max)
	Insulation resistance	1000MΩ (Min) @ DC500V
	Withstand voltage	2000V
Environmental spec	Working temperature	-30°C ~ +50°C
	Working humidity	5% -95% non-condensed
	Flammability standard	UL94 V-0
	IP Protection	IP55
Mechanical spec	Insertion life cycles	> 10000 times

Installation

Please note that the Charging cable has 2 connectors , one male the other female . The male (smaller plug) is used for the Charging Station while the female (larger socket) is connected to the Vehicle.



Zertifikat

Certificate



Zertifikat Nr. Certificate No.
R 50537927

Blatt Sheet
0001

Ihr Zeichen Client Reference
S.T.

Unser Zeichen Our Reference
01-ZMJ-CN211ZL5 004

Ausstellungsdatum
26.04.2022

Date of Issue
(day/mo/yr)

Genehmigungsinhaber License Holder
Siwel Technology Co., Ltd.
1F, No. 11, Nanmen Road,
South District, Taichung,
Taiwan

Fertigungsstätte Manufacturing Plant
040-0002310184

Prüfzeichen Test Mark



Geprüft nach Tested acc. to
EN 62196-1:2014
EN 62196-2:2017
EN IEC 61851-1:2019

Zertifiziertes Produkt (Geräteidentifikation)
Certified Product (Product Identification)

Lizenzentgelte - Einheit
License Fee - Unit

Geräteanschlußleitung (Cable Assembly for Conductive Charging of Electric Vehicles)

Type Designation : 1) CAB-I2I-116-x 2) CAB-I2I-316-x
3) CAB-I2I-132-x 4) CAB-I2I-332-x
(x=050,070,100)

Rated Voltage : 1) 3) AC 250V (Single-Phase)
2) 4) AC 415V (Three-Phase)

Rated Current : 1) 2) 16A 3) 4) 32A

Kind of Construction : Standard Sheet 2-IIe for EV Connector
Standard Sheet 2-IIb for EV Plug

Configuration : Type 2

Connection Method : Case B

Charging Mode : Mode 3

Degree of Protection : IP55

Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität des Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen in Ländern, in denen das Produkt in Verkehr gebracht werden soll, müssen zusätzlich betrachtet werden. Die Herstellung des zertifizierten Produktes wird überwacht.
This certificate is based on our Testing and Certification Regulation and states the conformity of the product with the standards and testing requirements as indicated above. Any additional requirements in countries where the product is going to be marketed have to be considered additionally. The manufacturing of the certified product is subject to surveillance.



Zertifizierungsstelle

Paulus Hou

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C E R T I F I C A T E

of Conformity
Low Voltage Directive 2014/35/EU



Registration No.: AN 50537930 0001

Report No.: CN211ZL5 004

Holder:

**Siwel Technology Co., Ltd.
1F, No. 11, Nanmen Road,
South District, Taichung,
Taiwan**

Product:

**Geräteanschlußleitung
(Cable Assembly for Conductive Charging of Electric Vehicles)**

Identification:

Type Designation : CAB-I2I-116-x CAB-I2I-316-x
CAB-I2I-132-x CAB-I2I-332-x
(x=050,070,100)

Serial No. : Engineering Samples

Remark: Issued in conjunction with TÜV Rheinland
license R 50537927 0001.

This certificate of conformity is based on an evaluation of a sample of the above mentioned product. Technical Report and documentation are at the Licence Holder's disposal. This is to certify that the tested sample is in conformity with Annex I of Council Directive 2014/35/EU, referred to as the Low Voltage Directive. This certificate does not imply assessment of the series-production of the product and does not permit the use of a TÜV Rheinland mark of conformity. The holder of the certificate is authorized to use this certificate in connection with the EC declaration of conformity according to Annex IV of the Directive.

Certification Body

Date 26.04.2020



A handwritten signature in black ink, appearing to be 'Paulus Hou'.

Paulus Hou

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

CE The CE marking may be used if all relevant and effective EC Directives are complied with. **CE**