E-Mobility – Charging cable type 2 to type 2



Data Sheet

Technical Specification

	Туре	TPU jacket	
Cable	Length	Available with 3m,	
	- 0	5m, 7.5m, 10m	
	Cable	5G2.5mm² (16A) /	
		5G6mm² (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	1000MΩ (Min) @	
	resistance	DC500V	
	Withstand voltage	2000V	
	Working	-30°C ~ +50°C	
	temperature		
	Working humidity	5% -95% non-	
Environmental		condensed	
spec	Flammability	UL94 V-0	
	standard		
	IP Protection	IP55	
Mechanical	Insertion life cycles	> 10000 times	
spec			

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.



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Siwell Technology Co., Ltd. 040-0002310184 IF, No. 11, Namen Road, South District, Taichung, Taiwan	A COMPANY OF THE REAL PROPERTY				
Type Approved By Substitutions EN 62196-1:2014 EN 62196-2:2017 EN IEC 61851-1:2019 ENTIFIED During Substitutions Lizenzentgelte - Einheit License Fee - Unit Certificiertes Produkt (Geräteidentifikation) Certified Product Lizenzentgelte - Einheit License Fee - Unit Certificiertes Produkt (Geräteidentifikation) Certified Product Lizenzentgelte - Einheit License Fee - Unit Certificiertes Produkt (Geräteidentifikation) Certified Product Lizenzentgelte - Einheit License Fee - Unit Cabe - 121 - 116 - x 2) CAB - 121 - 316 - x 3) CAB - 121 - 112 - x 4) CAB - 121 - 332 - x (x = 050, 070, 100) Rated Voltage Rated Current 1) 2) 16A 3) 4) 32A Kind of Construction Standard Sheet 2 - 116 for EV Connector Standard Sheet 2 - 116 for EV Plug Configuration Type 2 Connection Method Case B Charging Mode Mode 3 Degree of Protection : IP55	Siwel Technology Co. F, No. 11, Nanmen F South District, Taio	, Ltd. 040-00023 Road,			
Certified Product (Product Identification) License Fee - Unit Serified Product (Product Identification) License Fee - Unit Serified Product (Cable Assembly for Conductive Charging of Electric Fype Designation : 1) CAB-IZI-116-x 2) 3) CAB-IZI-132-x (AB-IZI-316-x 3) CAB-IZI-132-x (AB-IZI-332-x (x=050,070,100) (x=050,070,100) Rated Voltage : 1) 2) 16A 3) 4) 32A Kind of Construction : Standard Sheet 2-IIE for EV Connector Standard Sheet 2-IIE for EV Plug Configuration : Type 2 Connection Method : Case B Charging Mode : Mode 3 Deegree of Protection : IP55 encentwerden. Die Herstellung des serligizering Produktes wird überwacht License Fee - Unit Rated Voltage : 1) . . .	TÜVRheinland CERTIFIED	EN 62196-1:2014 EN 62196-2:2017			
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Dem Zertifikat liegt unsere Prüf- und Zertifizierungsordnung zugrunde und es bestätigt die Konformität les Produktes mit den oben genannten Standards und Prüfgrundlagen. Zusätzliche Anforderungen n 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	Configuration : Connection Method : Charging Mode :	Type 2 Case B Mode 3	9		
	des Produktes mit den oben genannten Stand in Ländern, in denen das Produkt in Verkeh betrachtet werden. Die Herstellung des zerti This certificate is based on our Testing and of the product with the standards and testing requirements in countries where the product	zierungsordnung zugrunde und es bestätigt die Konformitä lards und Prüfgrundlagen. Zusätzliche Anforderungen r gebracht werden soll, müssen zusätzlich fizierten Produktes wird überwacht. Certification Regulation and states the conformity requirements as indicated above. Any additional sigoing to be marketed have to be considered	Zertifizierungs	sstelle	

Paulus Hou

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CERTIFICATE



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:

<u>Geräteanschlußleitung</u> (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

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Paulus Hou TÜVRheinland

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