## 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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S.T. 01-ZMJ-CN211ZL5 004 26.04.202 (dayma/n)  Genehmigangsinhaber License Holder Siwel Technology Co., Ltd. Frigangstätte Manufacturing Plant Od-0002310184  Privacian Control of the state					
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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Configuration : Type 2 Connection Method : Case B Charging Mode : Mode 3 Degree of Protection : IP55	Type Designation : Rated Voltage : Rated Current : Kind of Construction :	<ul> <li>3) CAB-I2I-132-x 4) CAB-I2I-332 (x=050,070,100)</li> <li>1) 3) AC 250V (Single-Phase)</li> <li>2) 4) AC 415V (Three-Phase)</li> <li>1) 2) 16A 3) 4) 32A</li> <li>Standard Sheet 2-IIe for EV Conr</li> </ul>	2-x nector		
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

TÜV Rheinland LGA Products GmbH - Tillystraße 2 - 90431 Nürnberg

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