



History of Change

Version	Date	Prepared by	Reason of Change
1.0	Dec. 10, 2025	Welson Yang	First Issue

ECR/ECN Information		Title: Specifications of T2S Cable		Page:
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Revision: A/0 Document No.: RD-XXXX-0001		Prepared / Revised by: Welson Yang	Reviewed by:	Approved by: Brant Li



1. Product Description

1.1 Product Model and Cable Spec.

Product Model	Rated Current	Cable Spec.	Cable Length
WB-IC-AC3.0-16AS	16A	3G2.5mm ² +(1~2*0.5mm ²)	Optional
WB-IC-AC3.0-16AT	16A	5G2.5mm ² +(1~2*0.5mm ²)	
WB-IC-AC3.0-20AS	20A	3G2.5mm ² +(1~2*0.5mm ²)	
WB-IC-AC3.0-20AT	20A	5G2.5mm ² +(1~2*0.5mm ²)	
WB-IC-AC3.0-32AS	32A	3G6mm ² +(1~2*0.5mm ²)	
WB-IC-AC3.0-32AT	32A	5G6mm ² +(1~2*0.5mm ²)	

1.2 Design and Safety Features

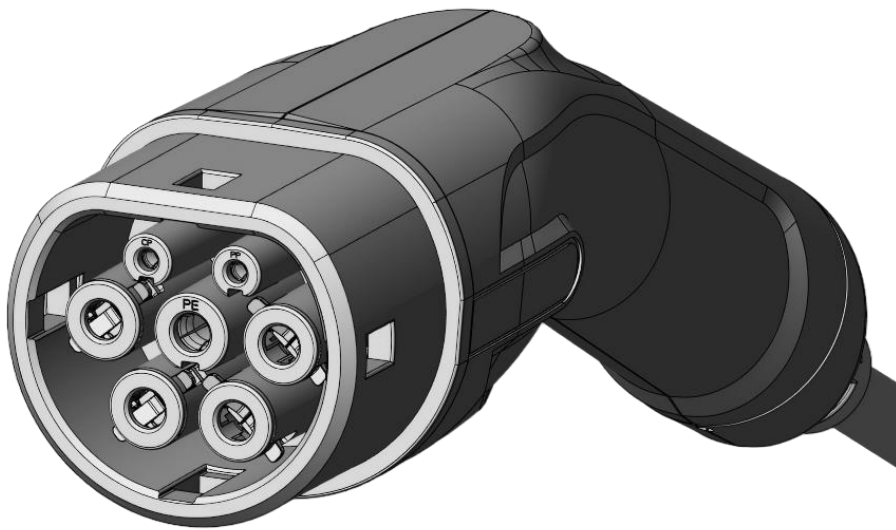
- ▶ This Type 2 EV connector is designed and manufactured in compliance with IEC 62196, and is intended for use with electric vehicles, including battery electric vehicles (BEVs) and plug-in hybrid electric vehicles (PHEVs).
- ▶ The G3.0 Type 2 features a fully enclosed insulation design, which enhances overall sealing performance. The housing geometry is ergonomically optimized to ensure stable handling and reduced operating effort during charging connection and disconnection.
- ▶ The product has successfully passed mechanical, electrical, and environmental tests, including vehicle overrun resistance, dielectric withstand voltage, corrosion resistance, and high- and low-temperature aging tests. A multi-sealing structure significantly improves the waterproof performance at the interface between the plug and the cable, achieving a protection rating of IP55. This design effectively prevents water ingress into the plug housing, reduces the risk of short circuits and electric leakage, and ensures safe and reliable operation for long-term outdoor use.

1.3 Connector Operating Procedures

- ▶ Do not touch or operate the Type 2 connector unnecessarily during charging, as improper handling may cause charging interruption.
- ▶ Handle the Type 2 connector with care. Do not drop it on the ground or subject it to impact. Do not pull or strain the cable, as this may result in cable damage.
- ▶ When inserting the Type 2 connector plug into the vehicle inlet, do not apply excessive force if abnormal resistance is encountered. Forcing the insertion may damage the internal safety shutters of the plug.

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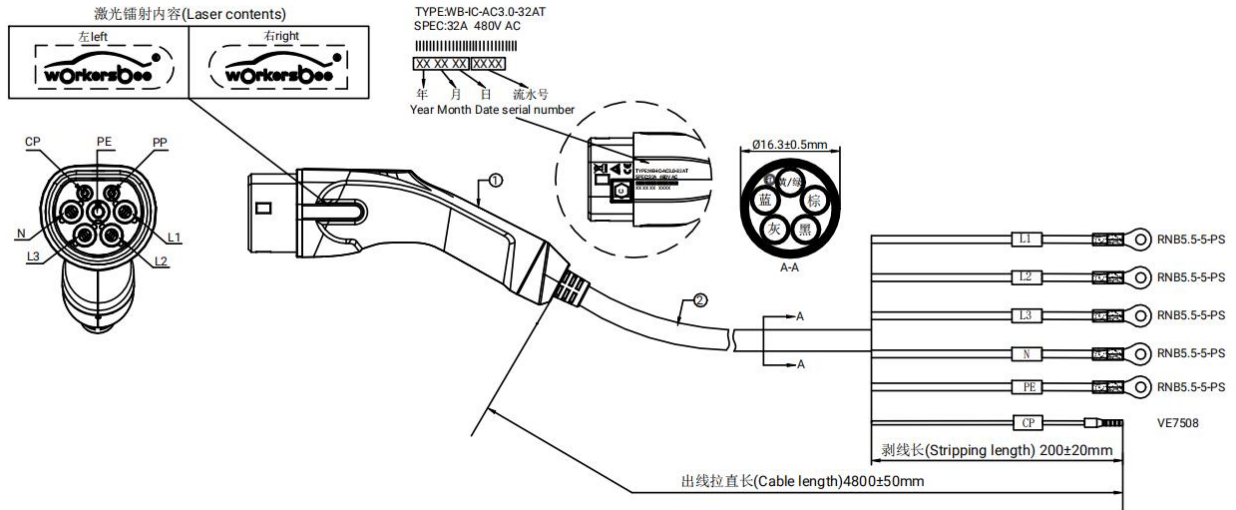
5. Overall Appearance View



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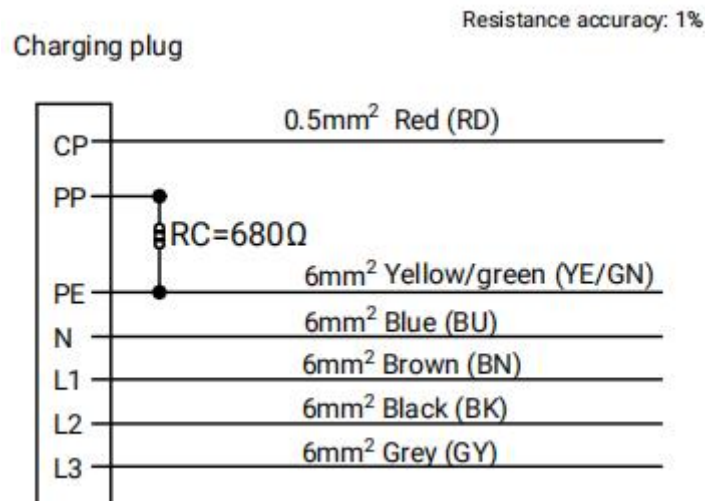
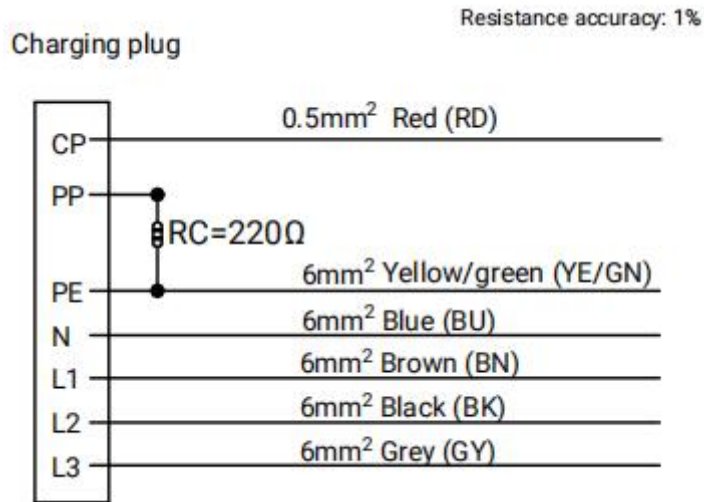
6. Product Drawing



Note: The cable length L, stripping length L2, and terminal lug type can be customized as needed.

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7. Wiring Method



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