



# User Manual

## Type 2 EV Charging Cable



- 1 phase 16A 3.6KW
- 1 phase 32A 7.2KW
- 3 phase 16A 11KW
- 3 phase 32A 22KW



# Catalogue

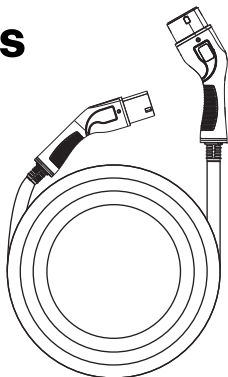
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# Package Includes



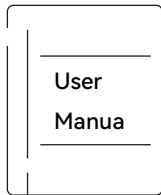
1\* Carry Bag



1\*Type 2 Charging Cable



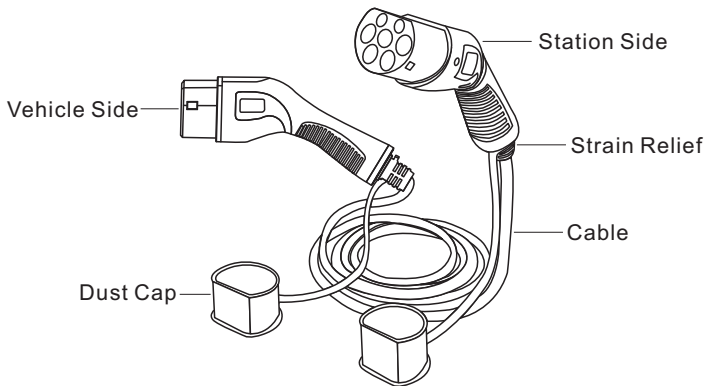
1\* Double Sided Microfiber  
Towel



1\* User Manual



# Product Overview



These EV charging cable, by standard IEC/EN 62196 type 2 to type 2, are intended to be used in EVconductive charging systems and for circuits specified in IEC 61851-1 It is to be used in an ambienttemperature of between -35°C and +50°C by simply plugging usage.

# Technical Data

Model No.	V1-32T W/B	V1-16T W/B	V1-32S W/B	V1-16S W/B
Rated current	32A	16A	32A	16A
Rated voltage	480V (3-phase)	480V (3-phase)	250V (1-phase)	250V (1-Phase)
Cables	5G6+2x0.5	5G2.5+2x0.5	3G6+2x0.5	3G2.5+2x0.5
Coding resistor	220Ω0.5W	680Ω0.5W	220Ω0.5W	680Ω0.5W
Rated power	22kW	11kW	7.2kW	3.6kW

\*Charging power subject to power design of EVSE device and vehicle

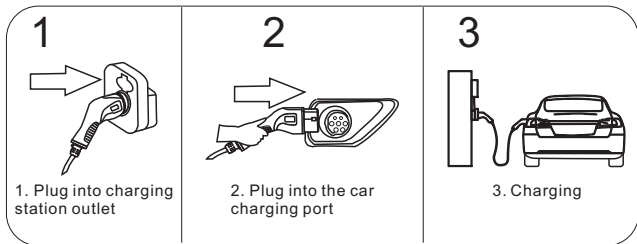
# Electrical Performance

Protection rank	IP55
Flame Retardant Rating	UL 94-V0
Insulation resistance	>100M ohm(DC 500V)
Terminal temperature rise	<50K
Withstand voltage	2000V
Contact resistance	0.5m ohm Max
Coupled insertion force	>45N <80N
Operating temperature	-35°C to 50°C
Mechanical life	no load plug in / pull out > 10000 times
Impact of external forces	bear 1m drop or 2 Ton vehicle run over

# USAGE

Please read your vehicle's charging instructions before using the charging cable. Check the outlet on charging station and the inlet on vehicle before inserting the plugs. The plug must be fully inserted into the outlet and inlet failure to do so will prevent the charging station from start charging.

1. Insert the cable plugs into the vehicle inlet and charging station outlet.
2. Make sure both plugs are properly connected, charging can start.
3. Do not disconnect the charging cable while the vehicle is charging.
4. After charging is completed unplug the charging cable from the vehicle, then from the charging station.





## WARNINGS



- Please do not use the charging cable if it is defective ( racked frayed, broken or damaged in any means).
- Please do not plug the charging cable into a defective, loose or worn power outlet.
- Please do not insert the plug if any electrical outlet is wet or dirty.
- Please do not dismantle the protective cap. It protects the charging connector from moisture and dirt.
- After every use put the protective caps back on.
- Please do not try to disassemble the shell or any part of the cable. It will cause damages to the item and thus cause serious results when charging.
- Accordingly to your charging device and vehicle, the power rate is backwards compliant, yet couldn't handle higher power rate, which will cause temperature rise and charging shutdown.

# Symbol Meaning

Symbol	Meaning
	"Non-recyclable" mark: located on the product, instruction manual or package, indicating that electrical and electronic equipment and its accessories should be treated separately from ordinary household waste. When scrapped, it should be treated as industrial waste, otherwise it may cause accidents.
	Warning sign: indicates danger. Pay attention to the personal injury that may be caused by operation procedure or incorrect operation. Actions after the "warning" mark can only be performed when the conditions indicated by the condition are fully understood and satisfied.

The company is committed to the continuous improvement and update of the product, product hardware and software will continue to be updated, the information provided is subject to change without prior notice.

Version: V3.0

Revision date: 2023-07

# FAQ

Q:Which vehicles are compatible with a type 2 charging cable?

A:Type 2 charging cables are compatible with most electric vehicles with a type 2 charging socket (European standard). These include, for example, models from Tesla, Volkswagen, Audi, MG, BMW, Mercedes, Porsche, Renault, BYD, Polestar and so on .

Q:Can I use my type 2 charging cable at public charging stations?

A:Yes, most public charging stations have Type 2 connectors and are compatible with Type 2 charging cables. This is the common European standard.

Q:How should I choose between 7KW, 11kW and 22kW?

A:When choosing the charging power (7KW, 11 kW or 22 kW), please kindly consider the vehicle compatibility, the charging time requirement, the availability of charging stations and the costs.

Q:How can I ensure the safety of my Type 2 charging cable?

A:Type 2 charging cables should be checked regularly for cracks, damage or signs of wear. In addition, only charging cables with integrated protection functions should be used to protect the electric vehicle and the charging cable.





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