

SYNCWIRE SW-EV952

SYNCWIRE Type 2 EV Charging Cable 22kW (5m) User Manual

Model: SW-EV952 | Brand: SYNCWIRE

INTRODUCTION

Thank you for choosing the SYNCWIRE Type 2 EV Charging Cable. This manual provides essential information for the safe and efficient use of your charging cable. Please read it thoroughly before use and keep it for future reference.

This cable is designed for charging electric vehicles and plug-in hybrids equipped with Type 2 and CCS2 connectors. It supports charging up to 22kW (32 Amp, 3-Phase) and is 5 meters in length.



Image: The SYNCWIRE Type 2 EV Charging Cable, showing both ends of the cable, the included waterproof storage bag, and a cleaning cloth. The cable is white and black, indicating its 22kW, 32 Amp, 3-Phase capability.

SAFETY INFORMATION

- Ensure the charging cable is fully dry before connecting. If the connector is wet, the cable will automatically activate short-circuit protection. Use a hairdryer to dry the connector completely before use.
- Do not use the cable if it appears damaged or frayed.
- Avoid placing heavy objects on the cable during charging. While designed for durability (2-ton pressure resistance), excessive force can cause damage.
- Operate within the specified temperature range of -35°C to +50°C.
- The cable is IP54 rated for water and dust resistance, but avoid submerging it in water.
- Always connect the cable to a compatible Type 2 charging station and vehicle.

SETUP AND CONNECTION

1. **Inspect the Cable:** Before each use, visually inspect the cable and connectors for any signs of damage, dirt, or moisture.
2. **Prepare the Vehicle:** Ensure your electric vehicle is turned off and the charging port cover is open.
3. **Connect to Charging Station:** Insert one end of the Type 2 charging cable into the charging port of the EV charging station. Ensure it clicks securely into place.
4. **Connect to Vehicle:** Insert the other end of the Type 2 charging cable into your vehicle's charging inlet. The connector features a clear power output indicator sticker to help match the correct charging input. Ensure a secure connection.
5. **Initiate Charging:** Follow the instructions on your charging station or vehicle's infotainment system to start the charging process.



Image: A hand connecting the SYNCWIRE Type 2 EV charging cable to an electric vehicle's charging port. The connector clearly displays "22kW 32 Amp 3 Phase" and the SYNCWIRE logo, indicating its specifications.

OPERATING INSTRUCTIONS

Once both ends of the cable are securely connected and charging has been initiated, your vehicle will begin to charge. The cable supports ultra-fast charging up to 22kW (32A, 3-phase). Charging times will vary based on your vehicle's battery capacity and the charging station's output.

- During full power charging, it is normal for the cable to become slightly warm.
- To stop charging, follow the procedure outlined by your charging station or vehicle manufacturer.
- Always disconnect the cable from the vehicle first, then from the charging station.

MAINTENANCE AND STORAGE

- **Cleaning:** Use the included high-quality flannel cloth to easily clean your cable and the waterproof storage bag. Do not use harsh chemicals or abrasive cleaners.
- **Drying Connectors:** If connectors become wet, use a hairdryer to dry them completely before use to prevent short-circuit protection activation.
- **Storage:** The cable features a unique crimp marker and two removable Velcro straps for easy tidying. Store the cable neatly in the provided waterproof and portable storage bag.

Easy to Tidy Up



Image: A person demonstrating how to tidy up the SYNCWIRE EV charging cable using the removable strap and a crimp marker, highlighting the cable's user-friendly design for storage.

Portable & Compact Storage Bag

Made of waterproof and easy to clean surface



Image: The SYNCWIRE waterproof and portable storage bag, designed for the EV charging cable, placed neatly in the trunk of a car, emphasizing its compact and convenient storage solution.

TROUBLESHOOTING

- **Charging Not Initiating:**

- Ensure both connectors are fully inserted and securely latched.
- Check the charging station for error messages or status indicators.
- Verify that the vehicle is ready to accept a charge.

- **Cable Feels Warm:** This is normal during high-power charging. If the cable becomes excessively hot or emits smoke/odors, immediately disconnect it and cease use.

- **Short-Circuit Protection Activated (No Charge):** If the connector was wet, the cable's internal protection will prevent charging. Ensure the connector is completely dry before attempting to charge again.

SPECIFICATIONS

Feature	Detail
Brand	SYNCWIRE
Model Number	SW-EV952
Connector Type	Type 2 to Type 2
Maximum Power	22 kW
Current Rating	32 A
Voltage Output	480 Volts (AC)
Cable Length	5 meters
IP Rating	IP54 (Water and Dust Resistant)
Operating Temperature	-35°C to +50°C
Durability	>10,000 plug-in tests, >20,000 flexion tests, 2-ton pressure resistance
Certifications	TÜV Rheinland
Weight	4.08 Kilograms



Image: The SYNCWIRE EV charging cable connector positioned under a car tire, illustrating its robust construction and ability to withstand up to 2 tons of load pressure, emphasizing its durability.

COMPATIBILITY

The SYNCWIRE Type 2 EV Charging Cable is widely compatible with electric vehicles and plug-in hybrids that utilize Type 2 and CCS2 charging inlets. This includes, but is not limited to, models from:

- Tesla (Model S/3/X/Y)
- Volkswagen (ID.3, ID.4, ID.5, e-Up!, e-Golf)
- Renault (ZOE, Twingo, Megane E-Tech)
- Hyundai (Kona Electric, IONIQ 5)
- Peugeot (e-208, e-2008, e-Expert)
- Kia (Niro EV, Soul EV, EV6)
- BMW (i3, i4, iX3, iX, i7, i8, X1)
- Smart (EQ Fortwo, EQ Forfour)

- Audi (e-Tron, Q4 e-Tron, e-Tron GT)
- Fiat (500e)
- Nissan (Leaf, Ariya)
- Opel (Corsa-E, Mokka-E)
- Skoda (Enyaq iV, Citigo)
- Mercedes-Benz (EQA, EQC, EQB, EQV, EQS)
- MINI (Mini Cooper SE)
- Dacia (Spring)
- MG (ZS EV, Marvel R5)
- Polestar (2)
- Ford (Mustang Mach-E)
- Jaguar (I-Pace)
- Porsche (Taycan)

Compatible with

MAKE

MODEL(S)

Tesla	Model 3/Model Y/Model S/Model X
Volkswagen	ID.3/ID.4/ID.5/e-Up!/e-Golf
Renault	ZOE/Twingo/Megane E-Tech
Hyundai	Kona/IONIQ 5/IONIQ
Peugeot	e-208/e-2008/e-Expert
Kia	Niro/Soul EV (39/64 kWh)/EV6
BMW	i3/iX3/iX/i4/i7/i8/X1
Smart	EQ Fortwo/EQ Forfour
Audi	e-Tron/Q4 e-Tron/e-Tron GT
Fiat	500e
Nissan	Leaf/Ariya
Opel	Corsa-E/Mokka-E
Skoda	Enyaq/Citigo
Mercedes-Benz	EQA/EQC/EQB/EQV/EQS
MINI	MINI Cooper SE
Dacia	Spring
MG	ZS/Marvel R/5
Polestar	2
Ford	Mustang Mach-E
Jaguar	I-Pace
Porsche	Taycan





WARRANTY AND SUPPORT

For warranty information or technical support, please refer to the SYNCWIRE official website or contact their customer service directly. Keep your purchase receipt as proof of purchase.

© 2023 SYNCWIRE. All rights reserved.

Related Documents - SW-EV952

	<p>SYNCWIRE EV Charging Cable User Manual</p> <p>Comprehensive user manual for the SYNCWIRE EV Charging Cable, detailing product overview, technical specifications, usage instructions, and safety warnings for electric vehicle charging.</p>
	<p>SYNCWIRE SW-BR999 Bluetooth Receiver User Manual and Specifications</p> <p>Detailed user manual and technical specifications for the SYNCWIRE SW-BR999 Bluetooth Receiver, including setup instructions, button functions, product diagrams, and quality requirements.</p>
	<p>SYNCWIRE SW-XC725 Car Wireless FM Transmitter User Manual</p> <p>User manual for the SYNCWIRE SW-XC725 Car Wireless FM Transmitter, providing technical specifications, features, and manufacturer details from Shenzhen Leaderment Technology Co.,Ltd.</p>
	<p>SYNCWIRE SW1012 Selfie Stick Tripod User Manual Magnetic Phone Holder & Remote Shutter</p> <p>User manual for the SYNCWIRE SW1012 selfie stick tripod, featuring a magnetic phone holder and remote shutter. Includes setup, Bluetooth connection, usage instructions, technical specifications, and manufacturer details.</p>