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› AIXINE Level 1&2 EV Charger NACS 16A User Manual

AIXINE PC-US-A16N-65

AIXINE Level 1&2 EV Charger NACS 16A User Manual

Model: PC-US-A16N-65

INTRODUCTION

The AIXINE Level 1&2 EV Charger NACS 16A (Model PC-US-A16N-65) is designed for efficient and versatile electric vehicle charging. This portable charger is compatible with all Tesla models and other electric vehicles utilizing the North American Charging Standard (NACS). It offers both Level 1 (120V) and Level 2 (240V) charging capabilities, providing flexibility for various power outlets.

SETUP

1. Unpacking

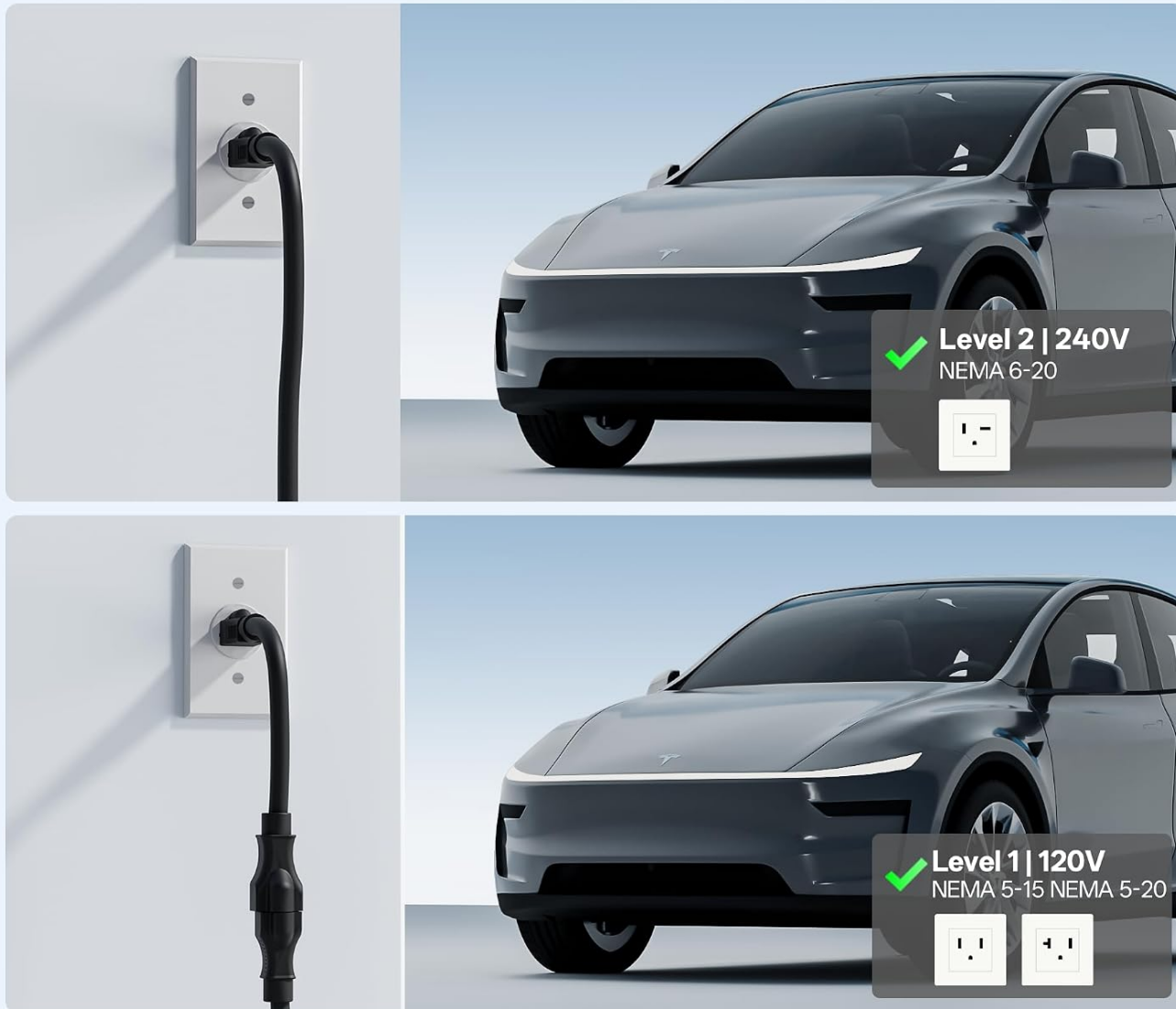
Carefully remove all components from the packaging. Verify that all items listed in the "What's in the Box" section are present.

2. Power Connection

- For Level 2 charging (240V, 16A, 3.68kW), connect the NEMA 6-20 plug directly into a compatible 240V NEMA 6-20 outlet.
- For Level 1 charging (120V, 12A, 1.32kW), use the provided NEMA 5-15 adapter with the NEMA 6-20 plug and connect it to a standard 120V NEMA 5-15 outlet.

Dual Charging Mode-Level 1 & Level 2

Designed For 5-15 & 5-20 & 6-20 Outlets



This image illustrates the two charging modes: Level 2 (240V) using a NEMA 6-20 outlet and Level 1 (120V) using a NEMA 5-15 outlet.

ALL-Weather Protection

Charge Confidently For Your Every Journey



This diagram clarifies compatible NEMA outlets (5-15, 6-20) and those requiring an adapter (e.g., NEMA 14-50).

3. Vehicle Connection

Ensure your electric vehicle is compatible with the NACS connector. The charger is designed for all Tesla Models (S/X/3/Y) and other NACS-compliant EVs.

Compatible with All Tesla EVs and PHEVs



Model 3



Model Y



Cybertruck



IONIQ 5

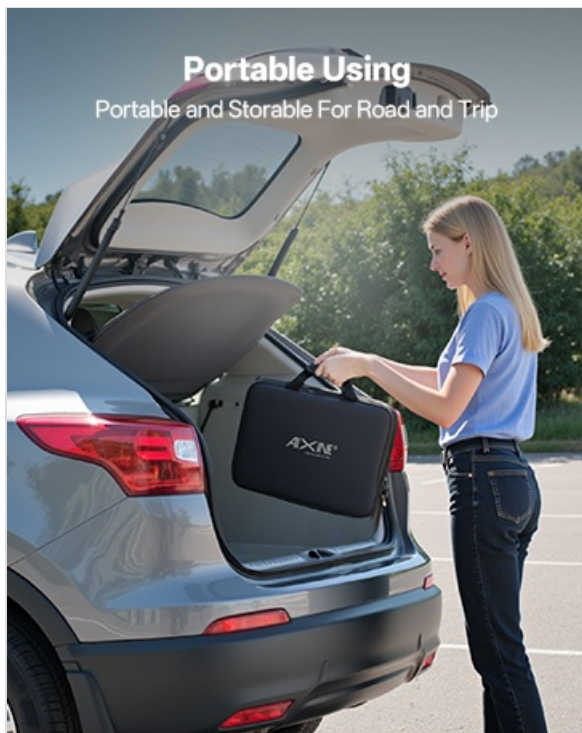


Rivian R1S



More.....

This image displays the NACS connector and lists compatible electric vehicle models, including Tesla and other NACS-compliant vehicles.



This image differentiates between J1772 and NACS (Tesla) connectors, highlighting the NACS compatibility of this charger.

4. Mounting (Optional)

The charger can be mounted for convenience. Ensure the mounting location is secure and allows for easy access to the vehicle and power outlet.

OPERATING INSTRUCTIONS

1. Initiating Charge

Once the charger is connected to a power outlet and your vehicle, it supports plug-and-charge functionality. The charging process should begin automatically.

2. Current Adjustment

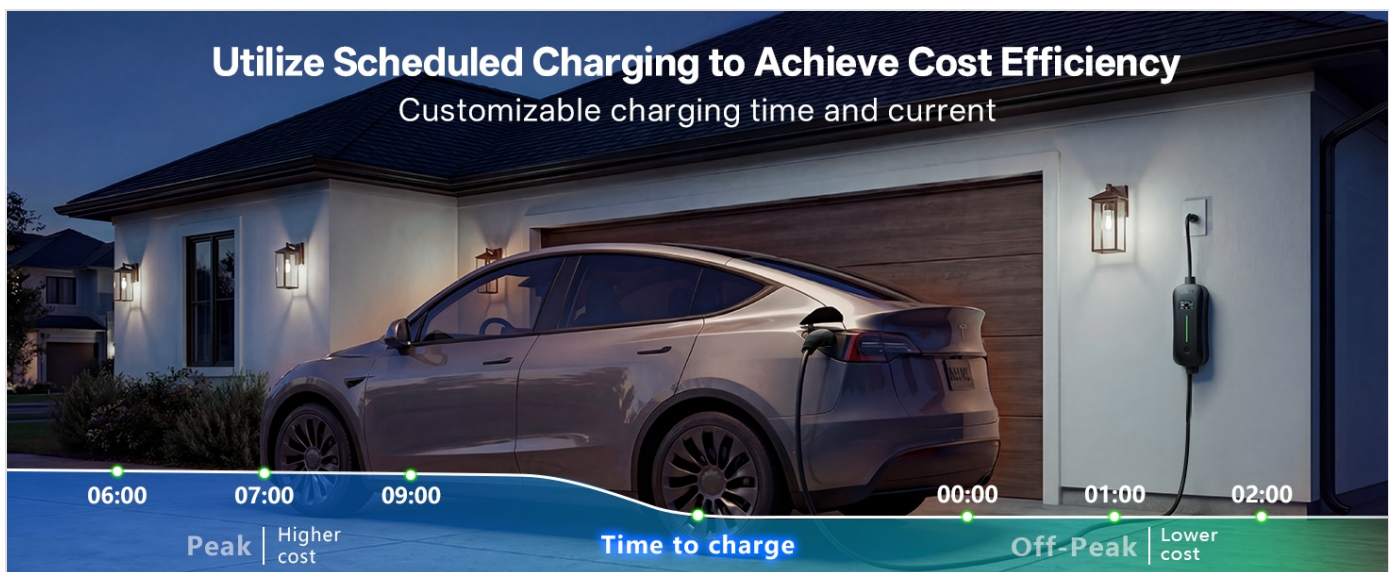
The charger features a one-touch button for current adjustment. Press the button to cycle through available current settings (e.g., 16A, 12A, 10A, 8A). Long press to confirm the selection.

3. Scheduled Charging

Utilize the one-touch button to set a charging schedule. Press to select the desired charging duration (e.g., 2h, 4h, 6h, 8h). Long press to confirm. This allows for charging during off-peak hours to optimize costs.



This image details the charger's interface, illustrating how to switch current and set charging schedules using the physical button.



This image demonstrates the benefit of scheduled charging, allowing users to charge during off-peak hours to reduce electricity costs.

4. LED Indicators

The charger's LED indicators provide real-time status:

- **Solid Green:** Initialization State
- **Flashing Green:** Verifying Connection
- **Streaming Green/Blue:** Charging
- **Flashing Blue:** Charging Completed
- **Solid Blue:** Screen displays countdown / Charging Finished



This image provides a visual guide to the LED indicators and their corresponding charging statuses.

5. Monitoring

The charger's display provides real-time information such as charging current, power, and duration.

Your browser does not support the video tag.

This video demonstrates the AIXINE Pro C EV charger, showcasing its features and operation.

MAINTENANCE

1. Cleaning

Regularly wipe the charger unit and cable with a dry, clean cloth to remove dust and debris. Avoid using harsh chemicals or abrasive cleaners. Ensure the connectors are free from moisture and foreign objects before use.

2. Storage

When not in use, store the charger in a dry, cool place. The included waterproof storage case is recommended for protection, especially during transport.

Portable and Storable For Road and Trip



*Contains AI-generated Performers

This image shows the portable design and storage case, emphasizing ease of transport and protection.

3. Durability

The charger is designed with industrial-grade construction, high-strength TPU-coated cables, and 99.95% oxygen-free copper cores. It boasts an IP67 rating, making it resistant to dust and water immersion. It can operate reliably in extreme temperatures from -40°F to 131°F.

ALL-Weather Protection

Charge Confidently For Your Every Journey



This image highlights the charger's IP67 waterproof rating and its operational range in extreme hot and cold conditions.

Heavy-Duty, Built to Withstand

UP TO 10 TONS



This image visually confirms the heavy-duty construction of the charger, capable of withstanding up to 10 tons of pressure.

TROUBLESHOOTING

- **Charger Not Activating:** Ensure the power plug is fully inserted into the wall outlet and the NACS connector is securely plugged into the vehicle's charging port. Check the wall outlet for power.
- **Circuit Breaker Trips:** If the circuit breaker trips, it may indicate an overloaded circuit or an issue with the electrical wiring. Reduce the charging current setting on the charger or consult a qualified electrician to assess your electrical system. Some vehicles also allow adjusting charging speed via their app.
- **Charging Interruption:** If charging stops unexpectedly, check for loose connections at both the wall outlet and the vehicle. Verify that there are no power outages or issues with the vehicle's charging system.
- **Error Messages:** Refer to the charger's display for any error codes or messages. Consult the support section for further assistance if an error persists.
- **Slow Charging:** Ensure you are using the appropriate power outlet (NEMA 6-20 for Level 2, NEMA 5-15 for Level 1 with adapter) and that the current setting on the charger is optimized for your vehicle and power source.

SPECIFICATIONS

Product Specifications

Brand	AIXINE
Model Number	PC-US-A16N-65
Input Voltage	240 Volts
Output Voltage	240 Volts
Current Rating	16 Amps
Cable Length	25 feet (7.62 meters)
Connector Type	NACS, NEMA 6-20 Plug, NEMA 5-15 Adapter
Compatible Devices	All Tesla Models (S/X/3/Y) and NACS-compliant electric vehicles
Product Dimensions	2.2"D x 9.17"W x 3.03"H
Item Weight	7.7 Pounds
Certifications	ETL, FCC, UL
IP Rating	IP67 (Waterproof)
Operating Temperature	-40°F to 131°F

The charger features 99.95% oxygen-free pure copper cores and a TPU-coated cable for durability and efficient power transfer.

Flexible, Safe, Stable

99.95% oxygen-free pure copper, reducing energy loss and heat
industrial-grade durability TPU, flame-retardant insulation layer



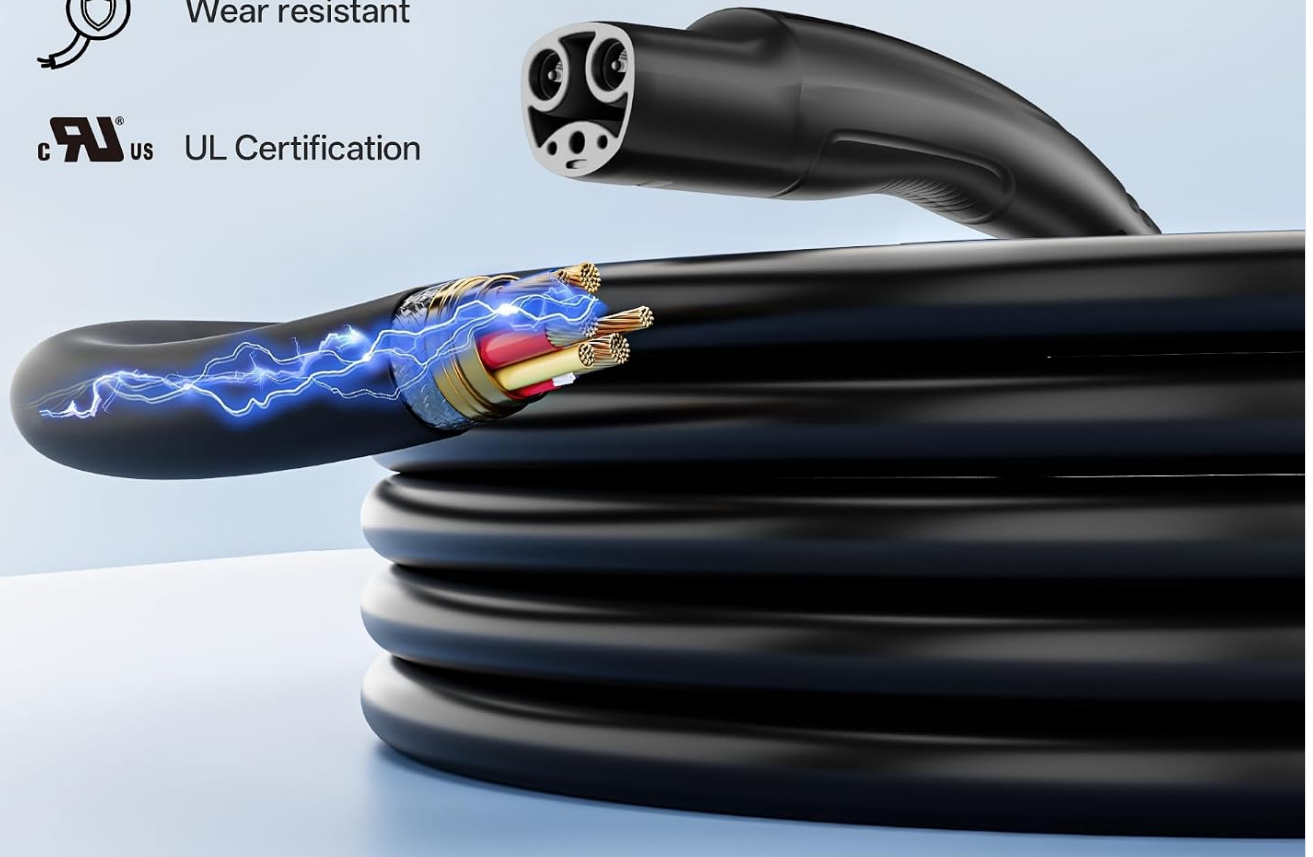
Layer stranding technology



Wear resistant



UL Certification



This image illustrates the internal components of the cable, emphasizing the quality of materials and UL certification.

Intelligent Safety Protection System

18



This diagram outlines the comprehensive 18-point intelligent safety protection system integrated into the charger, along with its

certifications.

WARRANTY

The AIXINE Level 1&2 EV Charger comes with a 2-year warranty. This warranty covers defects in materials and workmanship under normal use. For warranty claims or issues related to charging or performance, please contact our support team.

SUPPORT

For any questions, technical assistance, or warranty support, please contact AIXINE customer service:

Phone: [+1 302-302-1580](tel:+13023021580)
Website: www.aixineenergy.com
Email: evsupport@aixineenergy.com

Our dedicated support team is available to assist you.



This image provides visual contact information for customer support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

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