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Amazon AWS 790100 Smart EV Chargers with WiFi and Built In RCD User Manual

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Contents

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Amazon AWS 790100 Smart EV Chargers with WiFi and Built-In RCD

Product Information

Specifications

- **Model Numbers:** 790100, 790105, 790110
- **Max Power Output:** 7.4kW, 11kW, 22kW
- **Charging Current:** 10A – 32A
- **Voltage:** AC 220-240V (Single Phase), AC 380-415V (Three Phase)
- **Charging Speed:** Varies from 40kms to 120kms per hour
- **Compliance:** Complies with SNZ PAS 6011:2021 Standards New Zealand

Product Usage Instructions

Installation

1. Ensure the power supply is turned off before installation.

2. Mount the charger in a suitable outdoor location with IP65 protection.

3. Connect the charger to the power source following the provided wiring diagram.

Connectivity Setup

1. Download the Smart Life or Tuya Smart app on your IOS or Android device.

2. Follow the app instructions to connect the charger to your WiFi network.

Charging Process

1. Plug in your EV to the charger using the appropriate cable.

2. Use the app to set charging preferences and monitor the charging status.

3. The LED indicators will show the charging status (blue for charging, green for charging, red for error).

Safety Features

1. The built-in RCD provides electrical protection.

2. Over/Under voltage, overload, surge, and over-temperature protections ensure safe charging.

Frequently Asked Questions

- **Q: How do I know if my EV is compatible with this charger?**
  - **A**: The charger suits all major brand-new EVs, ensuring compatibility with most electric vehicles on the market.
- **Q: Can I use this charger for both single-phase and three-phase EVs?**
  - **A**: Yes, this charger supports both single-phase and three-phase EVs based on the model's specifications.
- **Q: What factors can affect the actual charging times?**
  - **A**: Actual charging times may vary depending on factors such as the EV's battery capacity, state of

charge, and ambient temperature.

PLUG & CABLE

- Type-2 Plug
- 5M Cable

Suits all major brand new EVs.

FEATURES

1. **Suitable Outdoors**: IP65 charger and IP54 plug
2. **WiFi**: Connects to the App Controller
3. **LED Indication**: Blue, green & red
4. **RCD**: Electrical protection
5. **Smart Charging**: OCPP 1.6 ethernet
6. Over/Under voltage protection
7. Overload & surge protection
8. Over-temperature protection

CONNECTIVITY

1. Via WiFi and Bluetooth
2. Smart Life (IOS | Android)
3. Tuya Smart (IOS | Android)

790100 – 7.4kW Max. @ 32A

1. SINGLE PHASE
2. 10A ~ 32A Max.
3. AC 220~240V 40kms+/- per hour of charge 8 hours = 320kms

790105 – 11kW Max. @ 16A

1. THREE PHASE

2. 10A ~ 16A Max.

3. AC 380~415V 60kms+/- per hour of charge

4. 5 hours = 320kms

790110 – 22kW Max. @ 32A

1. THREE PHASE

2. 10A ~ 32A Max.

3. AC 380~415V 120kms+/- per hour of charge 3 hours = 320kms

NOTE

1. Estimates only actual charging times may vary depending on factors such as the battery capacity of the EV, the state of charge of the battery when charging begins, and the ambient temperature.

2. Some EV models are equipped with faster charging capabilities, which will allow them to charge at a faster rate than what is mentioned above.

3. FAST; compare with 8A/10A 3-pin standard chargers, (Slow).

Complies with SNZ PAS 6011:2021 Standards New Zealand

Documents / Resources

Amazon AWS 790100 Smart EV Chargers with WiFi and Built In RCD [pdf] User Manual 790100 Smart EV Chargers with WiFi and Built In RCD, 790100, Smart EV Chargers with WiFi and Built In RCD, Chargers with WiFi and Built In RCD, WiFi and Built In RCD, Built In RCD

References

- **User Manual**