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## Wakespeed Regulator Configuration Guide

### 1. Preparation & Connection

- **Install the App:** Download the **Wakespeed App** from the Apple App Store or Google Play Store.
- **Hardware Setup:** \* *Off-vehicle:* Connect the regulator to your mobile device using a **USB-B to USB-C cable**. This cable provides both data and power.
  - *On-vehicle:* Ensure the regulator is powered by the vehicle system.

### 2. Establish Communication

1. **Open the App:** Navigate to **Home > Device > Bluetooth Scan**.
2. **Pairing:** Select your regulator from the results list.
3. **Authentication:** When prompted, enter the default password: **1234**.

### 3. Load & Verify Configuration

- **Import File:** Open the provided **.JSON configuration file** directly through the Wakespeed app. The fields will auto-populate with pre-defined settings.
- **Validation Check:** Before uploading, verify that the following profiles are displayed correctly:
  - **Alternator:** Nations
  - **Model:** 280XP (if using 12V, or select the appropriate model)

## 4. Flash the Regulator

1. **Access Menu:** Tap the **three dots** (⋮) in the top right corner.
2. **Upload:** Select **Configure Device** to flash the settings to the hardware.
3. **Finalize:** Wait for the "Upload Successful" confirmation before disconnecting the cable or cycling the power.

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**Note:** If the .JSON file does not open automatically, ensure you have saved it to your device's local storage rather than keeping it inside an email preview.

Wakespeed video link:

<https://www.youtube.com/watch?v=1Lmwt-4IXaU&t=15s>

## Support

If you have any questions or need assistance, please contact us. Thank you for your purchase!

1-888-334-2632

[support@nationsstarteralternator.com](mailto:support@nationsstarteralternator.com)

[wakespeed.com/learn](https://wakespeed.com/learn) is a great resource for regulator information.

[WS500-Product-Manual-10.21.24-compressed.pdf](#)