EV Charging Timer Plugin v1.0.0 - SoftWorx Studios

Description: A plugin made for Home Assistant that allows for automated timed shut-off of any specified entity or device.

Integration Steps

Step 1: Create Required Helpers

Before importing the blueprint, create these helpers in Home Assistant. This step is critical for it to function.

1. **Timer Helper**:
   - Go to Settings > Devices & Services > Helpers > Create Helper
   - Select "Timer"
   - Name it (e.g., "EV Charging Timer")
   - Set a default duration (e.g., 6:30:00) This defines the "max" time, or the 100% value. You can change this value under timers at any point.
2. **Number Helper**:
   - Go to Settings > Devices & Services > Helpers > Create Helper
   - Select "Number"
   - Name it (e.g., "EV Charge Percentage")
   - Min: 10, Max: 100, Step: 5
   - Unit of measurement: %

Step 2: Import the Blueprint

1. Go to Settings > Automations & Scenes > Blueprints
2. Click "Import Blueprint" button
3. Paste this URL: `https://github.com/softworxstudios/EV-Charging-Timer-Plugin/EV-Charging-Timer-BluePrint.yaml`

   (Replace with your actual GitHub URL where you host this blueprint)
4. Click "Preview" then "Import"

Step 3: Create the Automation

1. Go to Settings > Automations & Scenes
2. Click "+ Add Automation"
3. Click "Use Blueprint"
4. Select "EV Charging Timer (Percentage-Based)"
5. Configure the inputs:
   - Smart Plug: Select your EV charger's smart plug
   - Timer Entity: Select the timer helper you created

- Charge Percentage Input: Select the number helper you created
- Maximum Charge Time: Set to your desired maximum (default 6.5 hours)

6. Click "Save"