## **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"