

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. You can also set it to restore on failure if you like.

2. Number Helper:

- Go to Settings > Devices & Services > Helpers > Create Helper
- Select "Number"
- Name it (e.g., "EV Charge Percentage")
- Min: 0, Max: 100,
- Unit of measurement: % (Not Required, Missing in interface.)

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/blob/main/EV_Charging_Timer_BluePrint.yaml
(Replace with your actual GitHub URL where you host this blueprint)
4. Click "Import"
5. Click on the newly created blueprint named EV Charging Timer (Percentage-Based) And setup your device.

Step 3: (Optional) Create the Automation (Extra: Setup will create one for you. Do not delete the pre-made 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"