

How to Install an External Converter in Home Assistant OS 2026

Here's a step-by-step guide for your customers to install the EyZEE TS0601 double GPO with Light switch converter.

Method 1: File Editor (Easiest)

Step 1: Create the external_converters folder

1. In Home Assistant, go to **Settings → Apps (Add-ons) → File Editor or Studio Code Server** and open the Web UI
2. Navigate to /config/zigbee2mqtt/
3. Click the **"Folder" icon** (new folder) and name it external_converters
4. Correct file path /config/zigbee2mqtt/external_converters
5. NOTE: HAOS 2026 does not use configuration.yaml to point to external converters, HAOS automatically loads all .js converters

Step 2: Create the converter file

1. Click into the new external_converters folder
2. Click the **"File" icon** (new file) and name it eyzee-ts0601-DbL_GPO-light.js
3. Copy the entire converter code provided below from page two and paste it into the file
4. Click the **Save icon** (disk) in the top-right

Step 3: Restart and verify

1. Go to **Settings → Apps(Add-ons) → Zigbee2MQTT**
2. Click **"Restart"**

```
// EyZEE TS0601 double GPO + middle light switch

// Fingerprint name must match your switch ie: _TZE200_4jvmbiph

// Stable version: 3 outputs + backlight + metering

//Note: this switch has RGB backlights not yet exposed

//To change backlight colour connect to Tuya App change colour and re-pair to HA
```

```
const exposes = require('zigbee-herdsman-converters/lib/exposes');
```

```
const tuya = require('zigbee-herdsman-converters/lib/tuya');
```

```
const e = exposes.presets;
```

```
const ea = exposes.access;
```

```
const definition = {
```

```
  fingerprint: [
```

```
    {modelID: 'TS0601', manufacturerName: '_TZE200_4jvmbiph'},
```

```
  ],
```

```
  model: 'CC3-MG-GPO04ZSLP',
```

```
  vendor: 'EyZEE',
```

```
  description: 'Double GPO socket + middle light switch + backlight with metering',
```

```
  fromZigbee: [tuya.fz.datapoints],
```

```
  toZigbee: [tuya.tz.datapoints],
```

onEvent: tuyu.onEventSetTime,

configure: tuyu.configureMagicPacket,

exposes: [

 e.binary('state_left', ea.STATE_SET, 'ON', 'OFF').withDescription('Left socket'),

 e.binary('state_middle', ea.STATE_SET, 'ON', 'OFF').withDescription('Middle light switch'),

 e.binary('state_right', ea.STATE_SET, 'ON', 'OFF').withDescription('Right socket'),

 e.binary('state_backlight', ea.STATE_SET, 'ON', 'OFF').withDescription('Button backlight'),

 e.binary('child_lock', ea.STATE_SET, 'ON', 'OFF').withDescription('Child lock'),

 e.numeric('voltage', ea.STATE).withUnit('V').withDescription('Line voltage'),

 e.numeric('current', ea.STATE).withUnit('A').withDescription('Line current'),

 e.numeric('energy_wh', ea.STATE).withUnit('Wh').withDescription('Accumulated energy'),

],

endpoint: () => ({default: 1}),

meta: {

tuyaDatapoints: [

 [1, 'state_right', tuyu.valueConverter.onOff],

 [2, 'state_middle', tuyu.valueConverter.onOff],

```
[3, 'state_left', tuya.valueConverter.onOff],  
[16, 'state_backlight', tuya.valueConverter.onOff],  
[101, 'child_lock', tuya.valueConverter.onOff],  
[21, 'current', tuya.valueConverter.divideBy1000],  
[22, 'energy_wh', tuya.valueConverter.raw],  
[23, 'voltage', tuya.valueConverter.divideBy10],  
],  
},  
};
```

```
module.exports = definition;
```