



## Grove - Water Atomization v1.0

SKU 101020090

Heated with ultrasound 5V working voltage Maximum power at 2W Compact modular design Grove compatible interface

Grove - Water Atomization is a perfect module for you to develop an atomizer or an atomizer module in your applications easily. With just a few simple steps, you can prototype an atomizer. It has Grove interface which makes it easy to be integrated into plenty of applications. A humidifier is a basic device it can be built with, you can develop more advanced and interesting projects with digital scent technology and any other situations in which atomization required.

### Features

- Heated with ultrasound
- Easy to prototype
- Well applied to vast projects
- For various interesting, smart and fashionable applications

### Application ideas

- Humidifier
- Scent emitter in different situations
- For smart-house applications

### Specification

|                      |               |
|----------------------|---------------|
| Operating voltage    | 5.0V(DC)      |
| ripple(at Max power) | ≤100 mV       |
| Max power            | 2W            |
| peak output voltage  | 65±5V         |
| Operating frequency  | 105±5kHz      |
| Chip                 | ETA1617、NE555 |

### Technical details

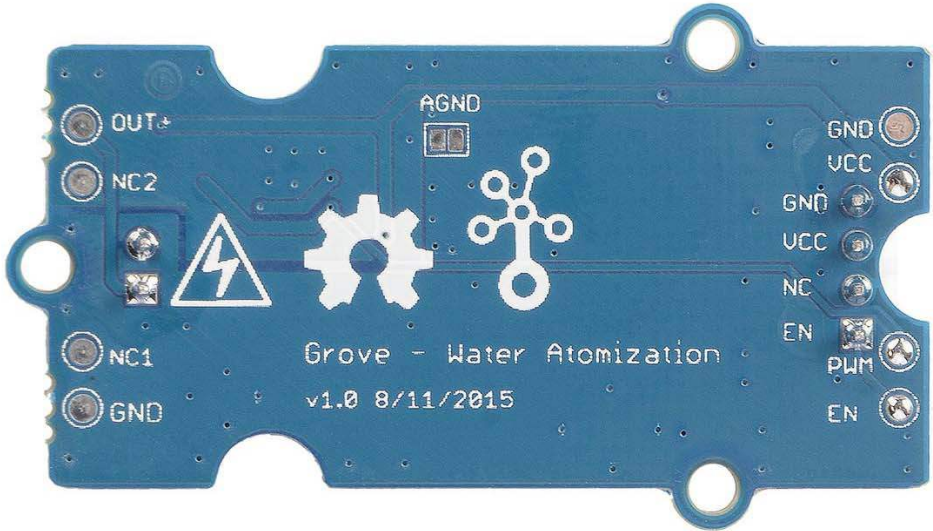
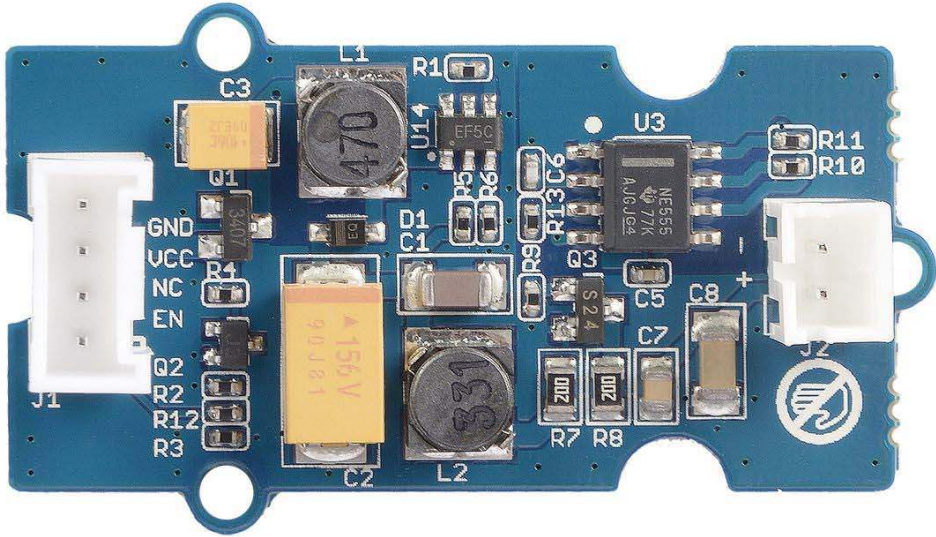
|            |                     |
|------------|---------------------|
| Dimensions | 140mm x85mm x11.6mm |
| Weight     | G.W 13g             |
| Battery    | Exclude             |

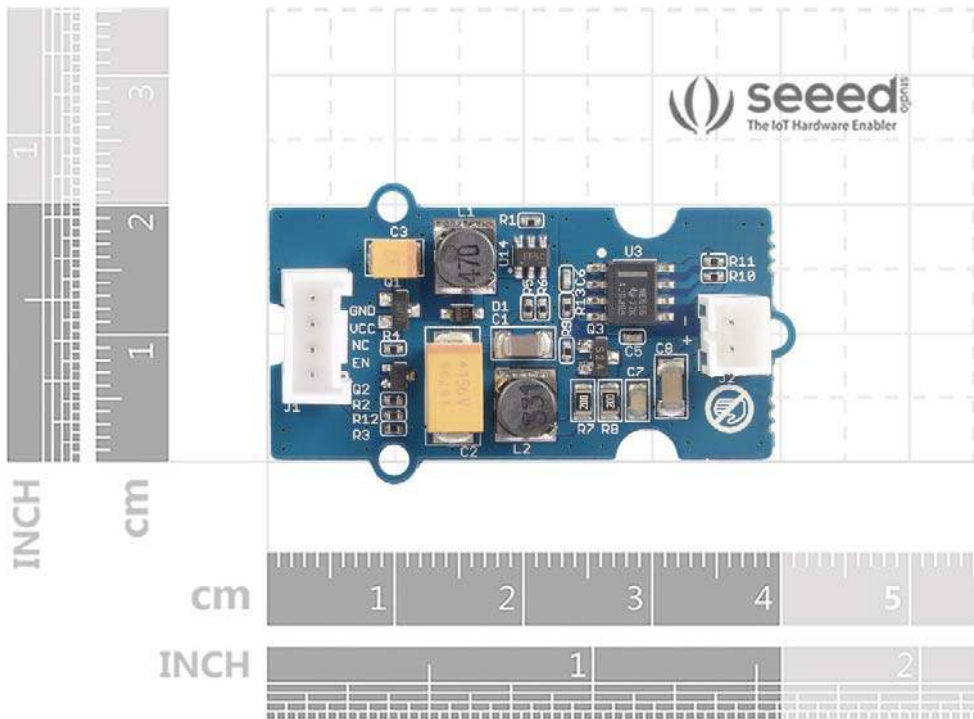
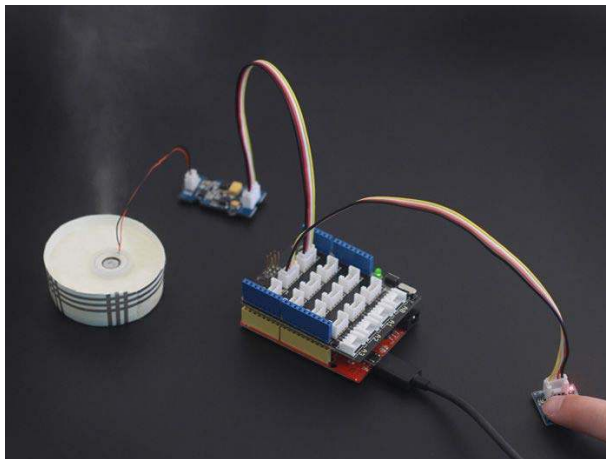
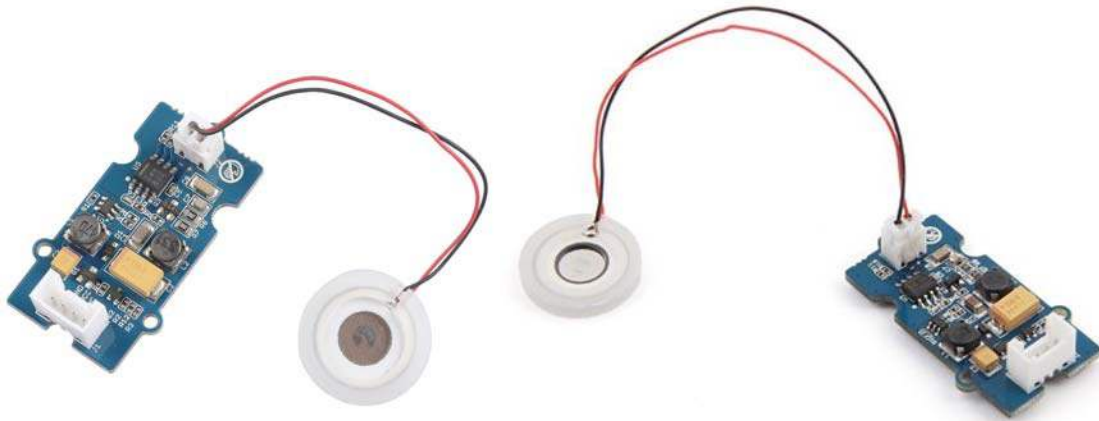
### Part List

|                                |   |
|--------------------------------|---|
| Grove - Water Atomization v1.0 | 1 |
| Ultrasonic Transducer          | 1 |
| Grove Cable                    | 1 |

# ECCN/HTS

|          |              |
|----------|--------------|
| ECCN     | EAR99        |
| HSCODE   | 8509900000   |
| USHSCODE | 90230000     |
| UPC      | 841454118053 |





<https://www.seeedstudio.com/Grove-Water-Atomization-v1-0.html/6-18-19>