

# MINI-360

MP2307 Buck Converter

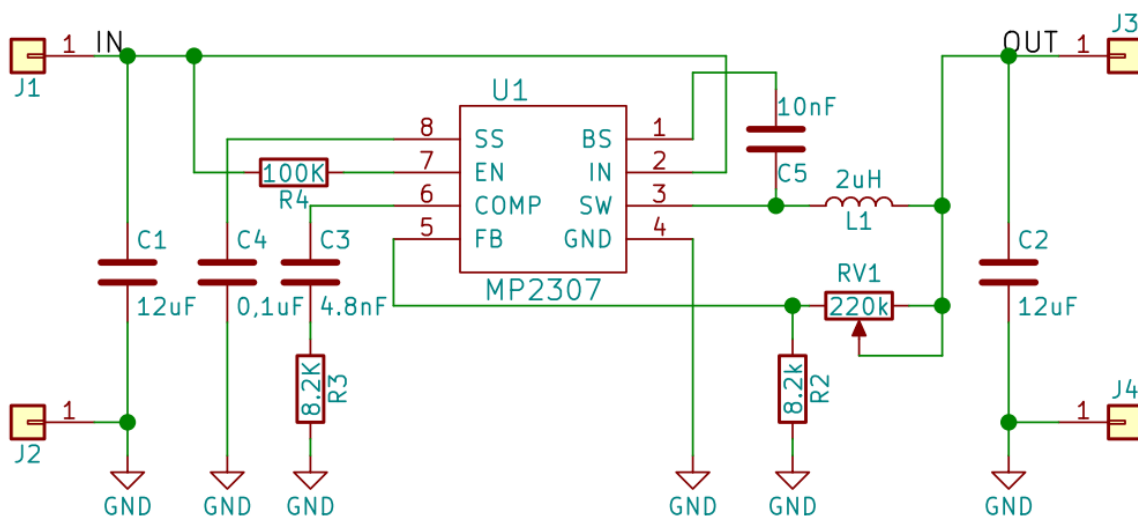
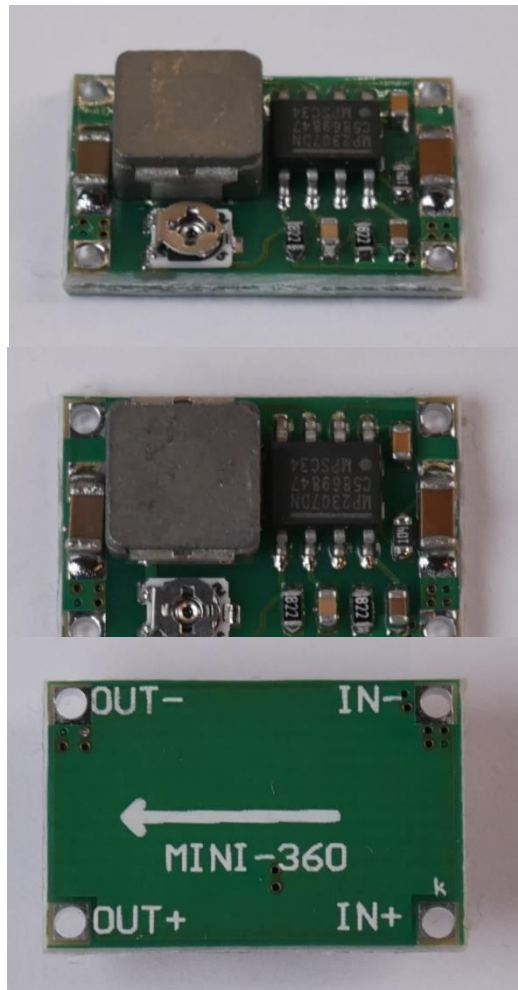
## Features

### Claimed specification

- Input voltage: 4.75-23V
- Output voltage: 1-17V, adjustable
- Size: 17mm x 11mm x 4mm
- Max. output current: 1.8A

### Additional information

- Starts working at about 5 V input
- 4-15mA idle current
- Adjusting the voltage is very fiddly
- The output voltage needs to be at least 2V below the input voltage
- MP2307DN buck converter chip
- No thermal vias under the switching the IC

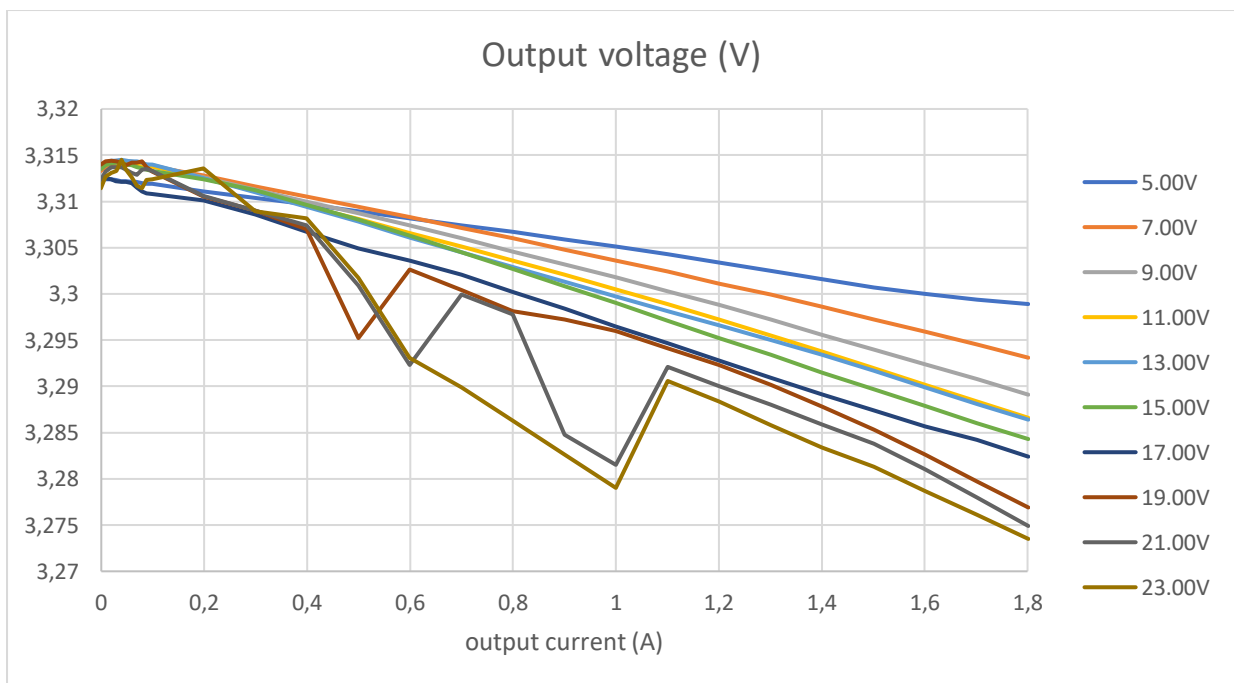
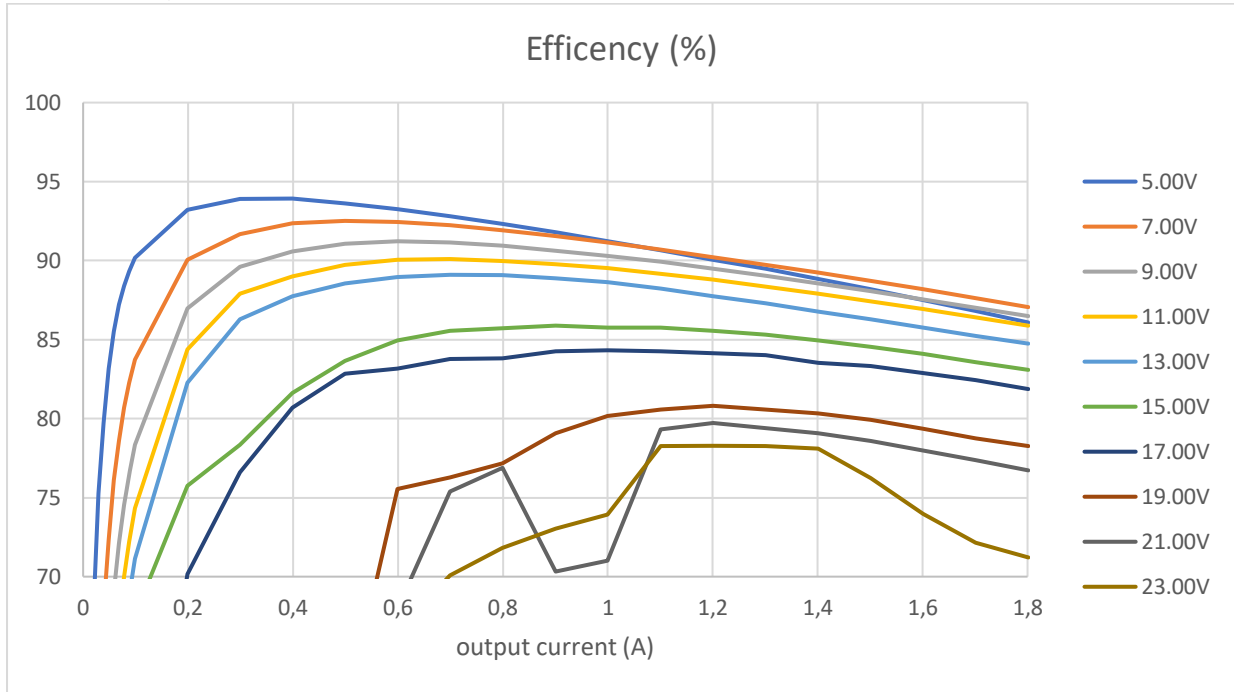


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## Efficiency

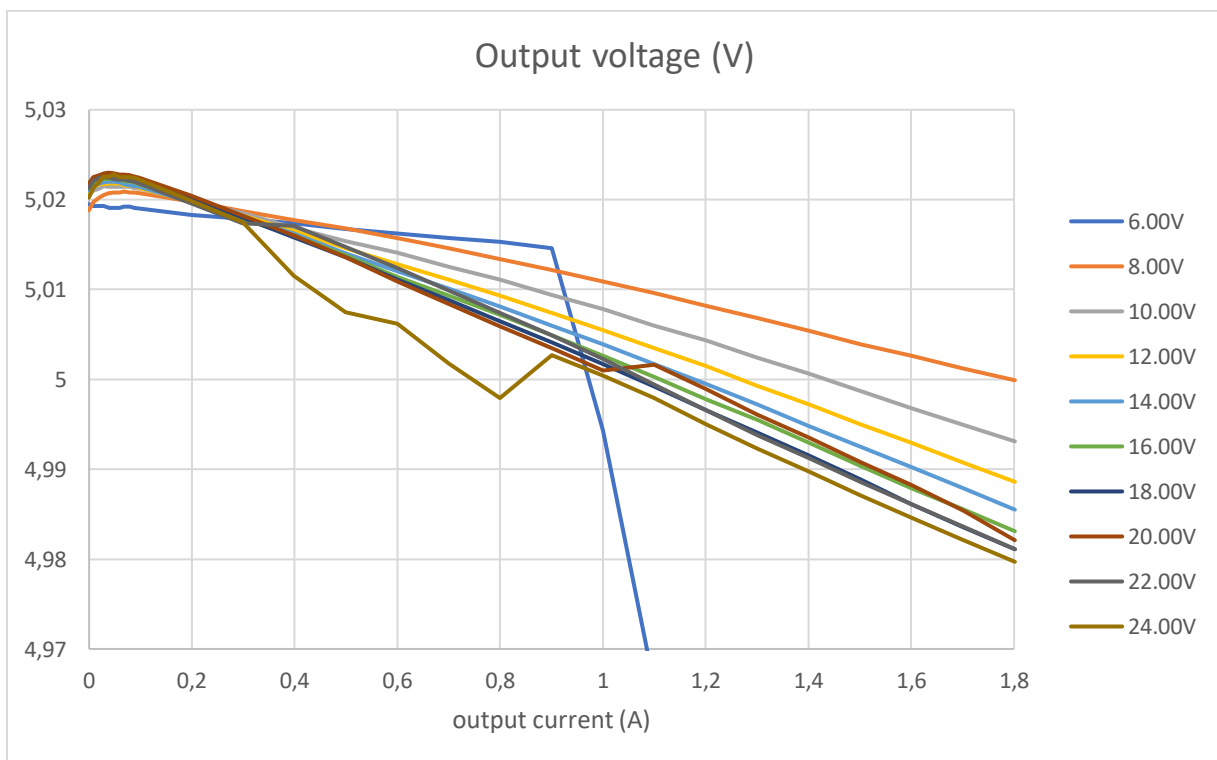
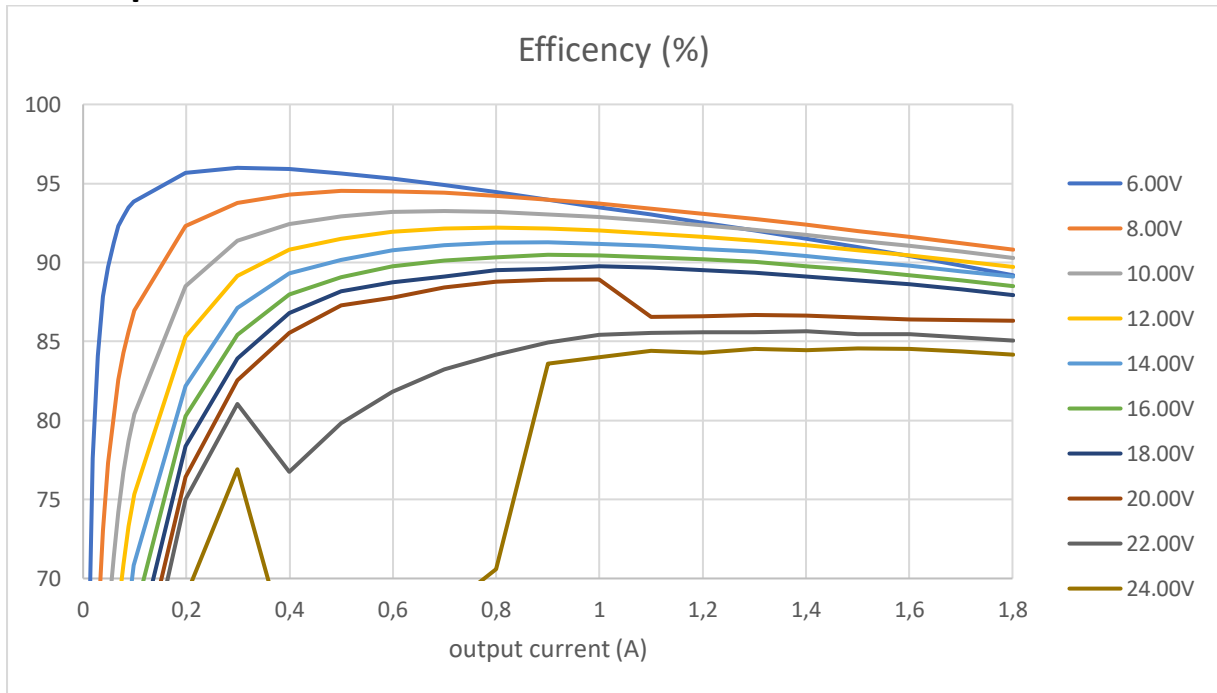
### 3.3V Output



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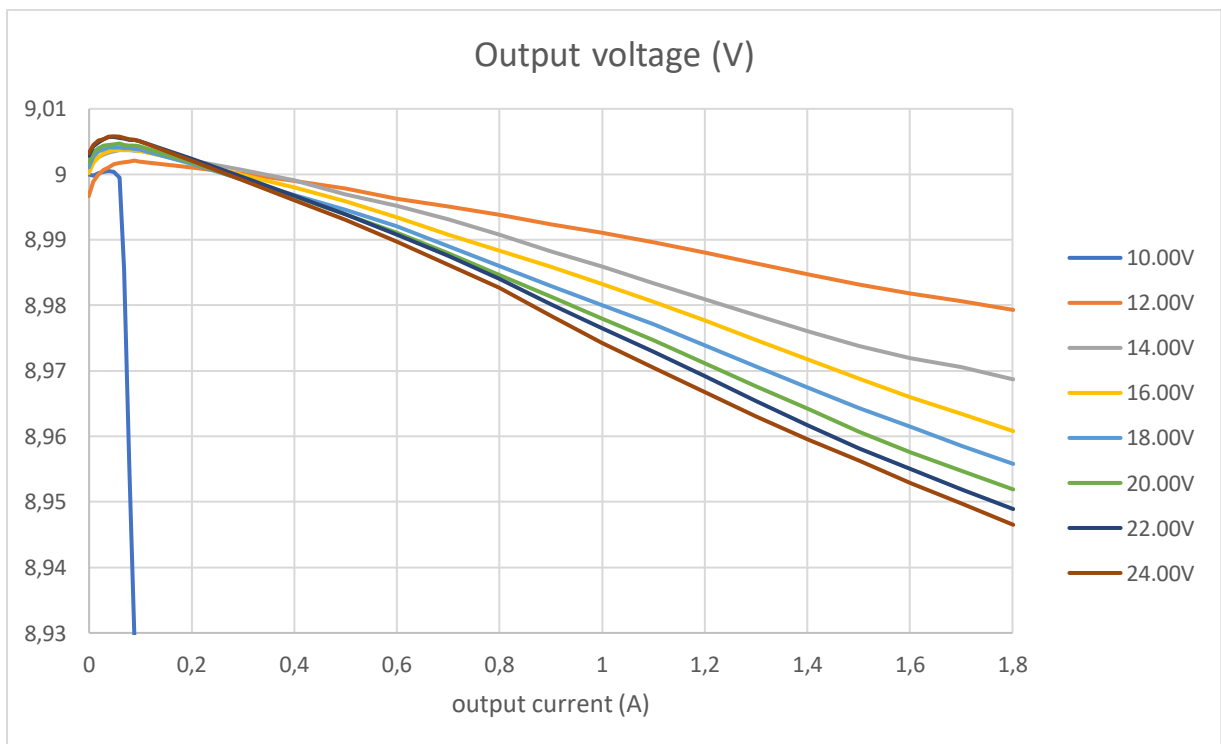
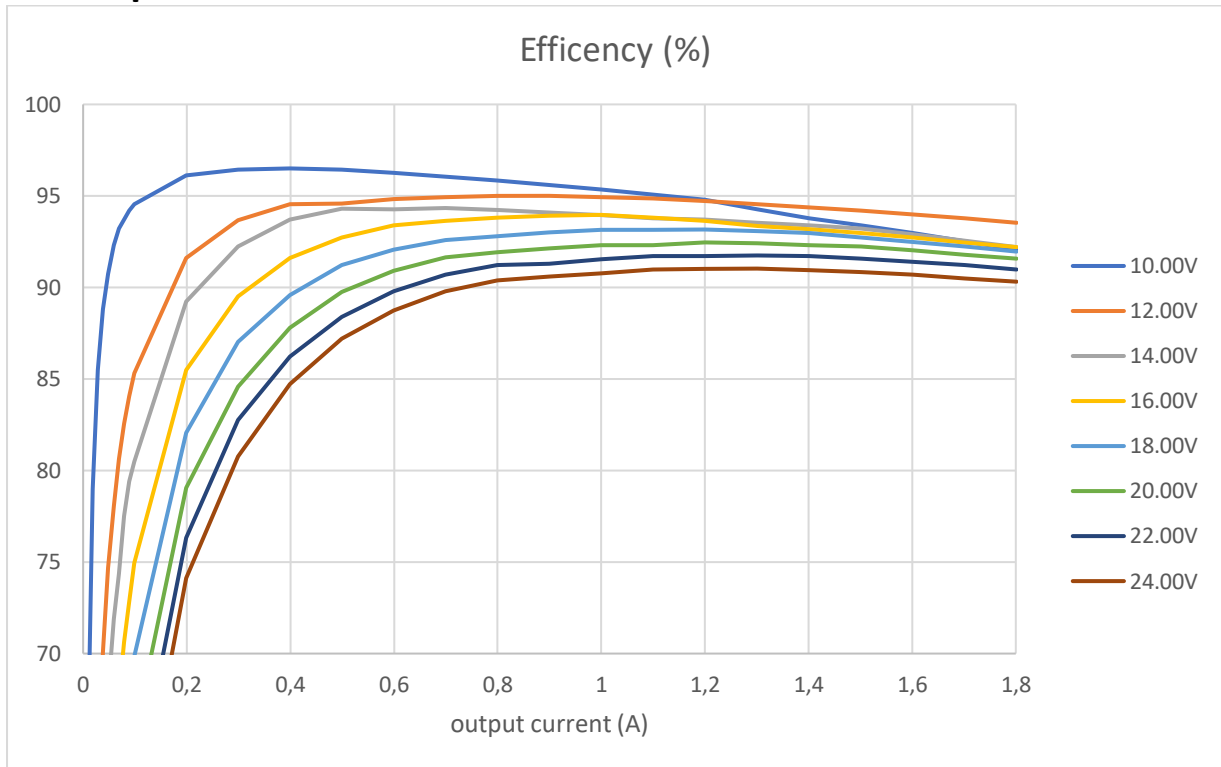
## 5V Output



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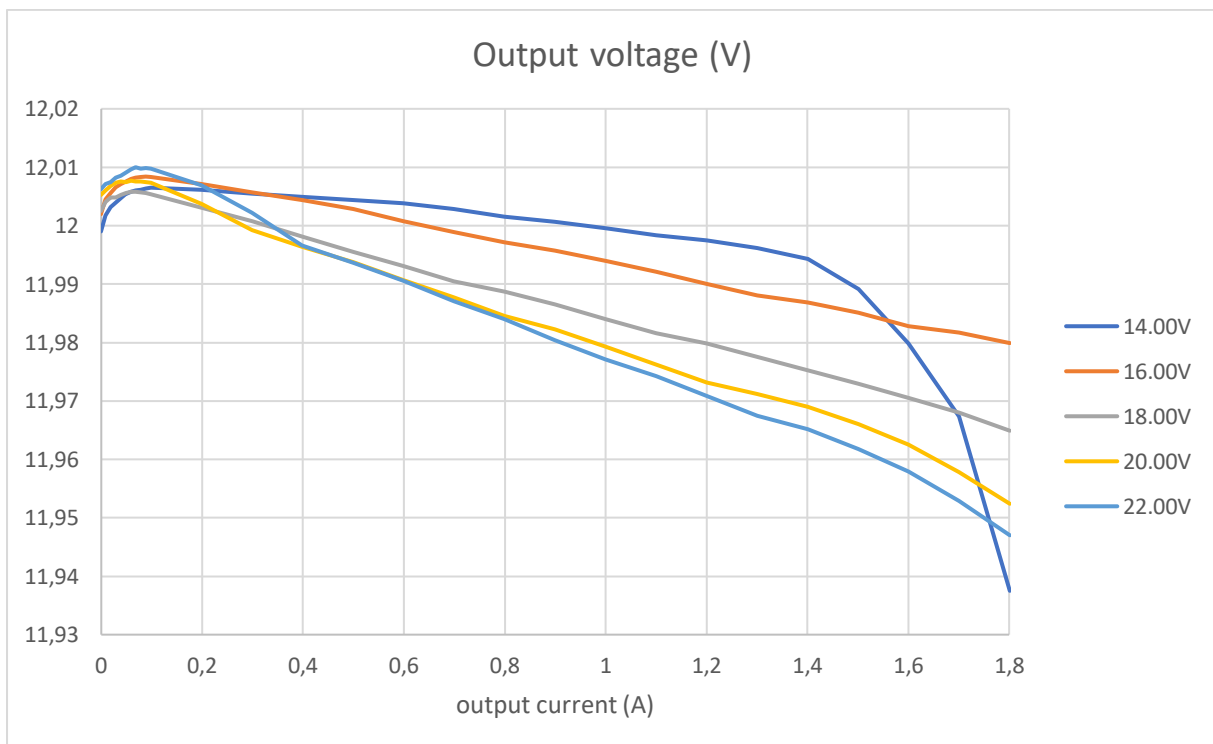
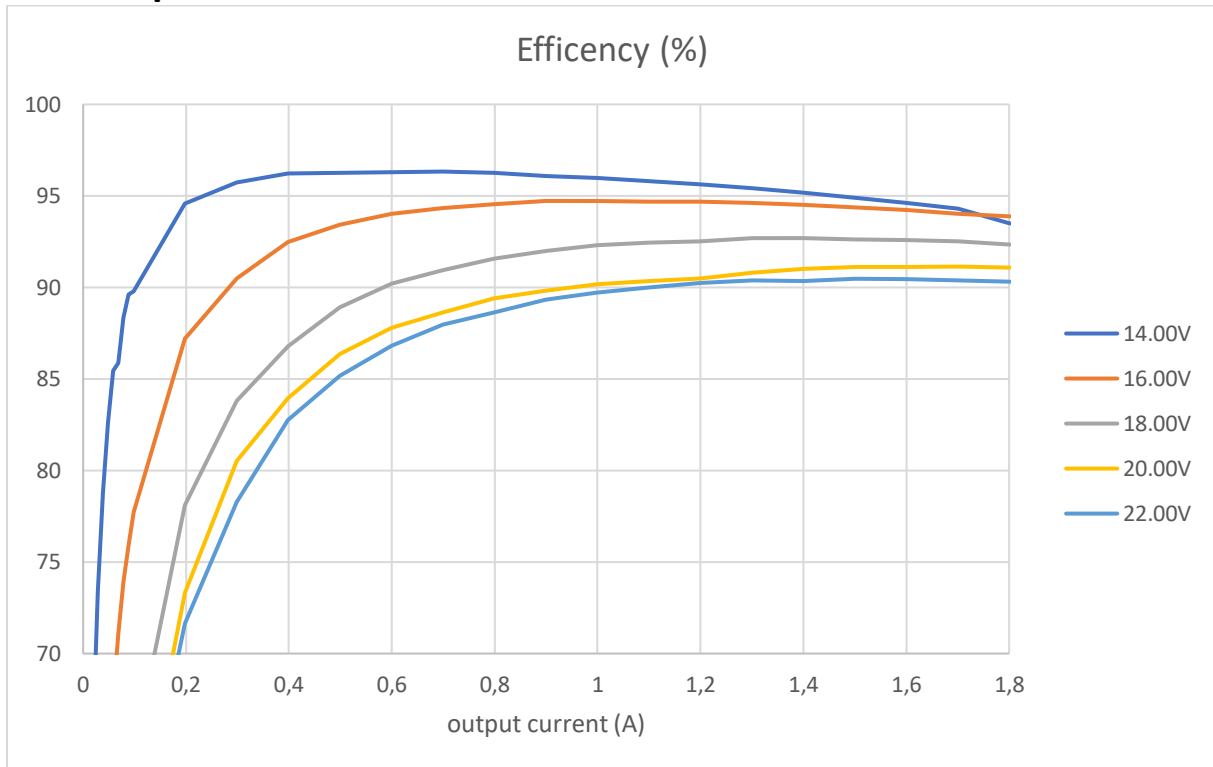
## 9V Output



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## 12V Output



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## 15V Output

