

# SX1308

Boost Converter

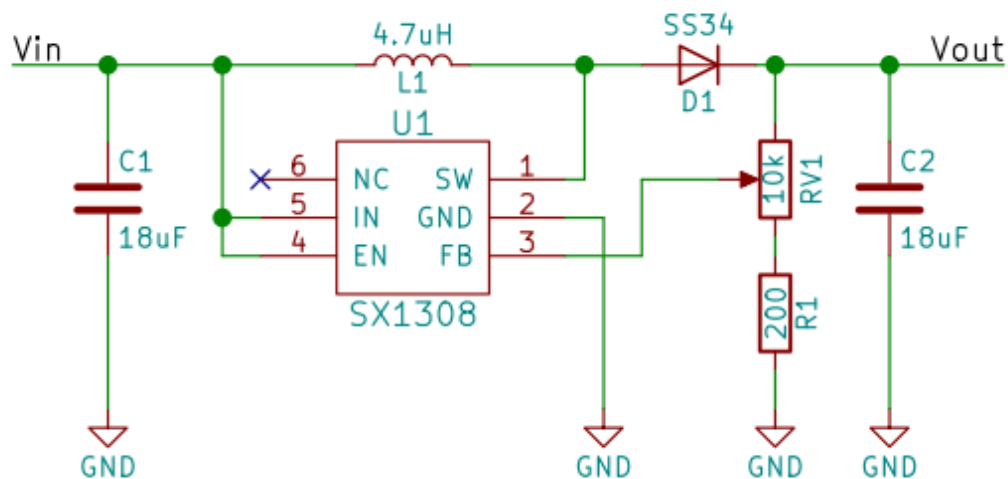
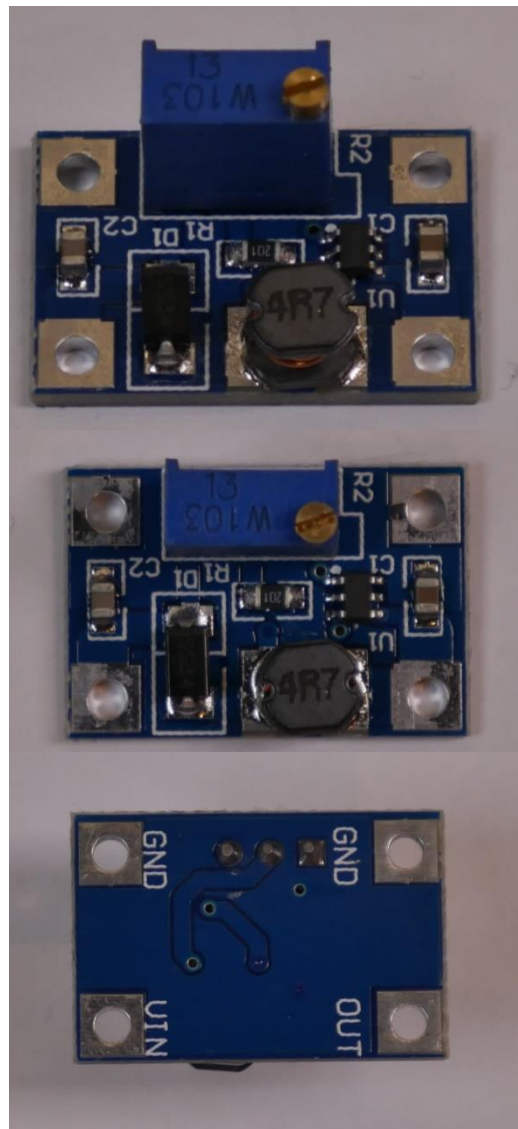
## Features

### Claimed specification

- Input voltage: 2-24V
- Output voltage: 2-28V, adjustable
- Size: 16mm x 23mm x 14mm
- Max. output current: 2A
- 1.2MHz switching frequency.

### Additional information

- Starts working at about 3 V
- 1 - 9mA idle current
- Doesn't come close to 2A output current.
- Output Voltage starts to decrease when the input current comes near 2A.
- Output voltage regulation is not very stable.

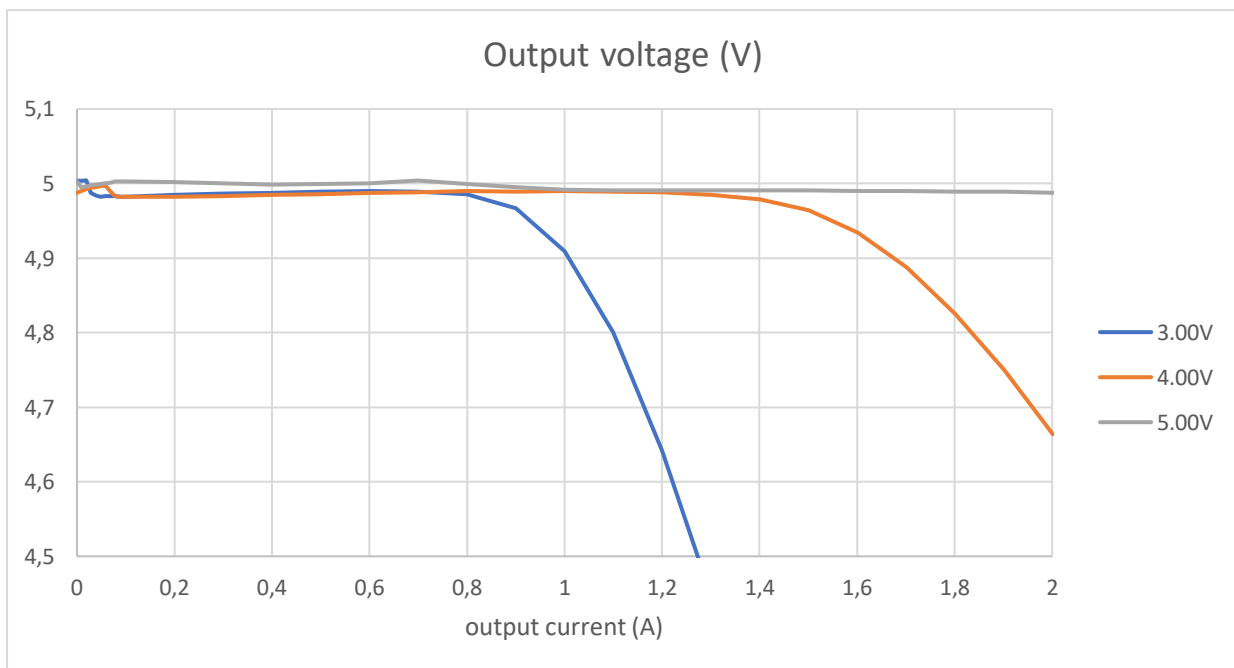
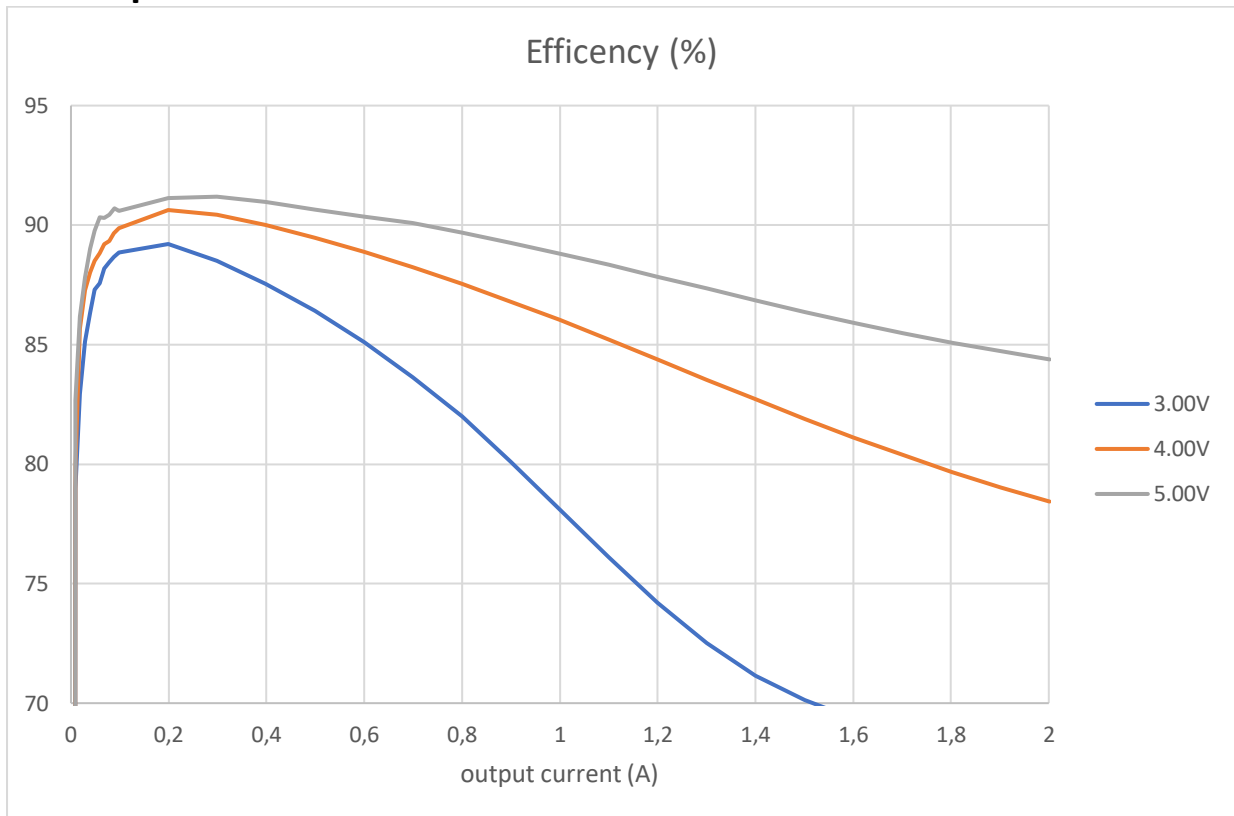


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## Efficiency

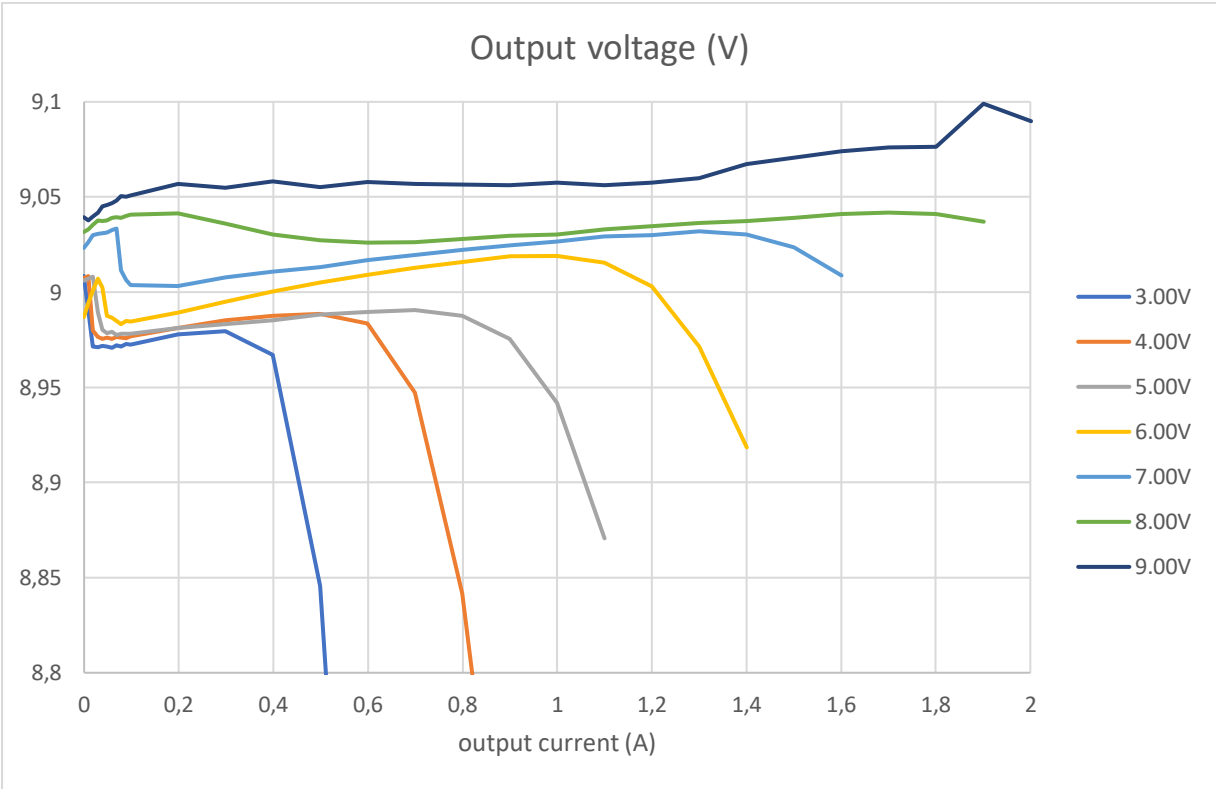
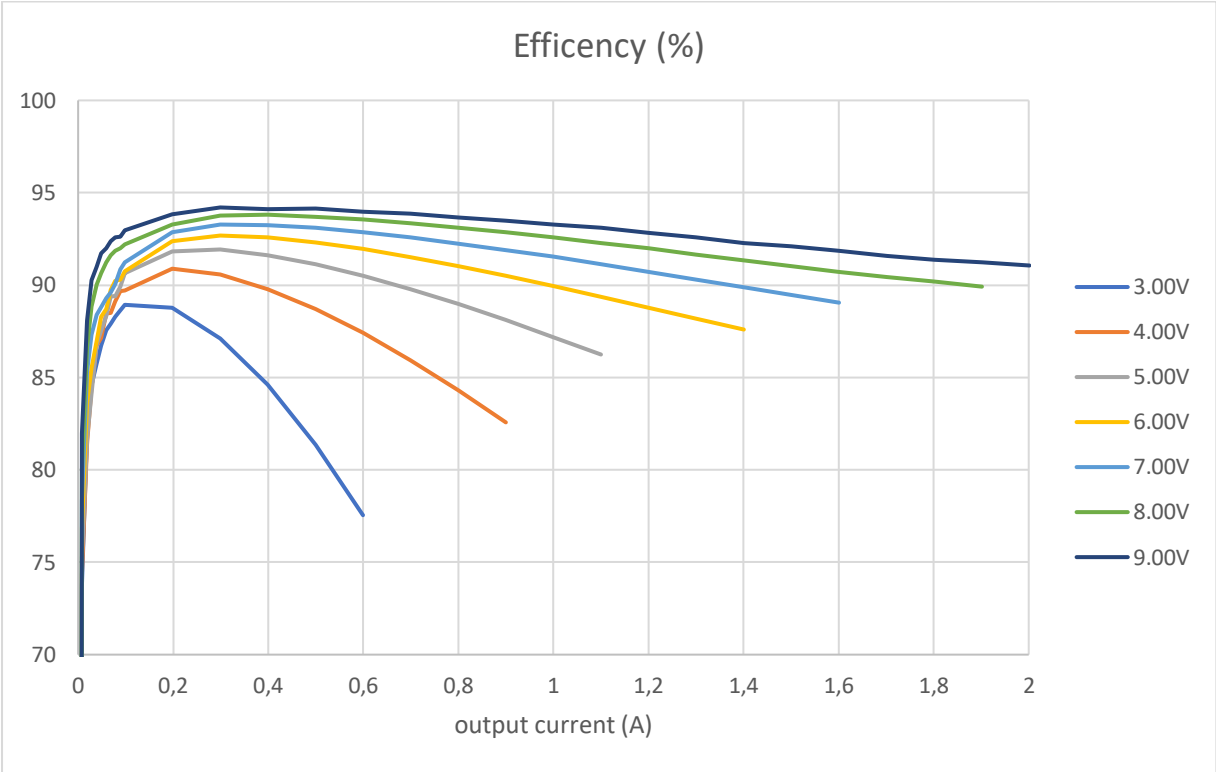
5V Output



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## Boost Converter

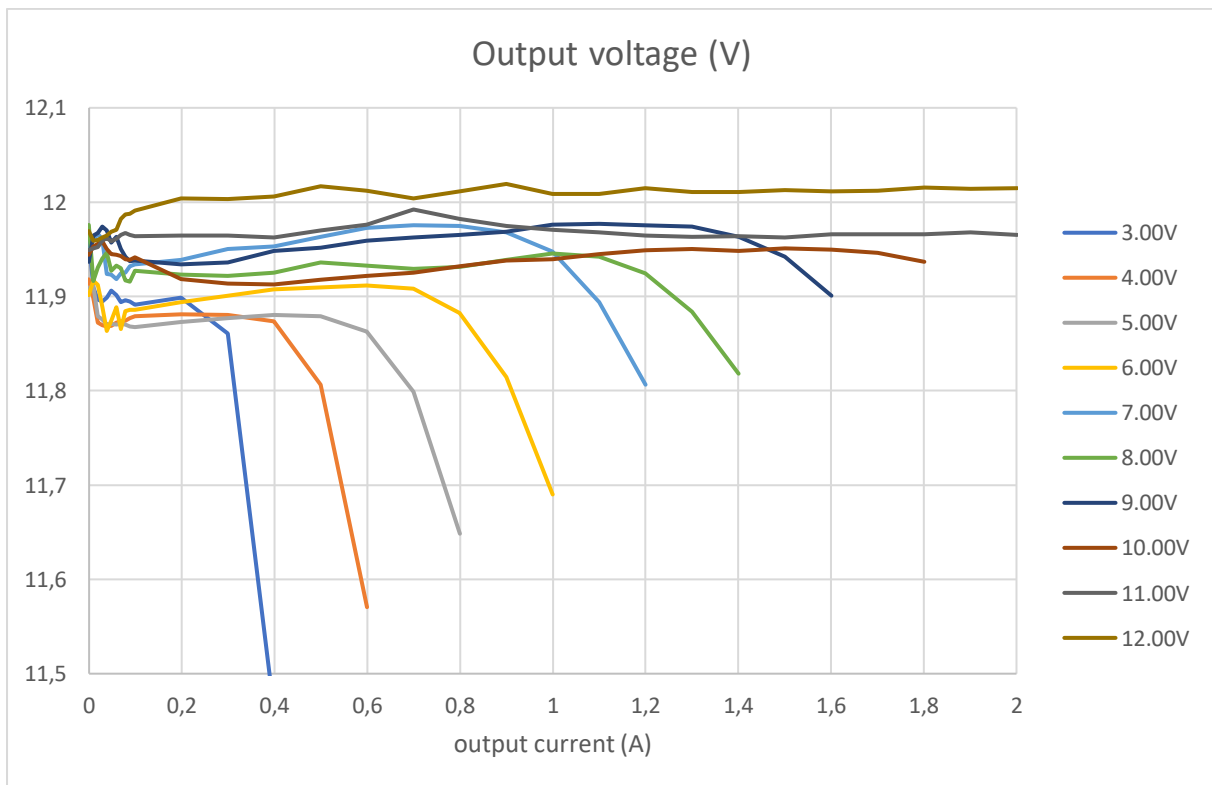
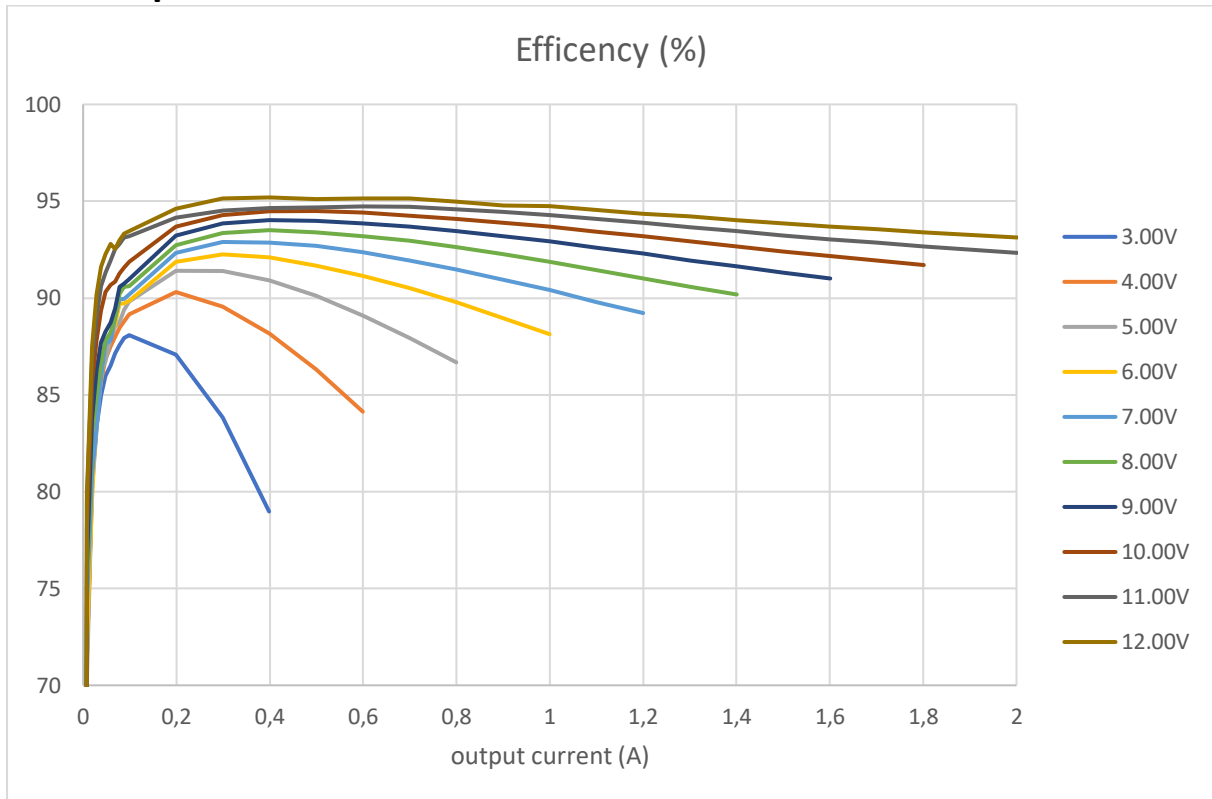
### 9V Output



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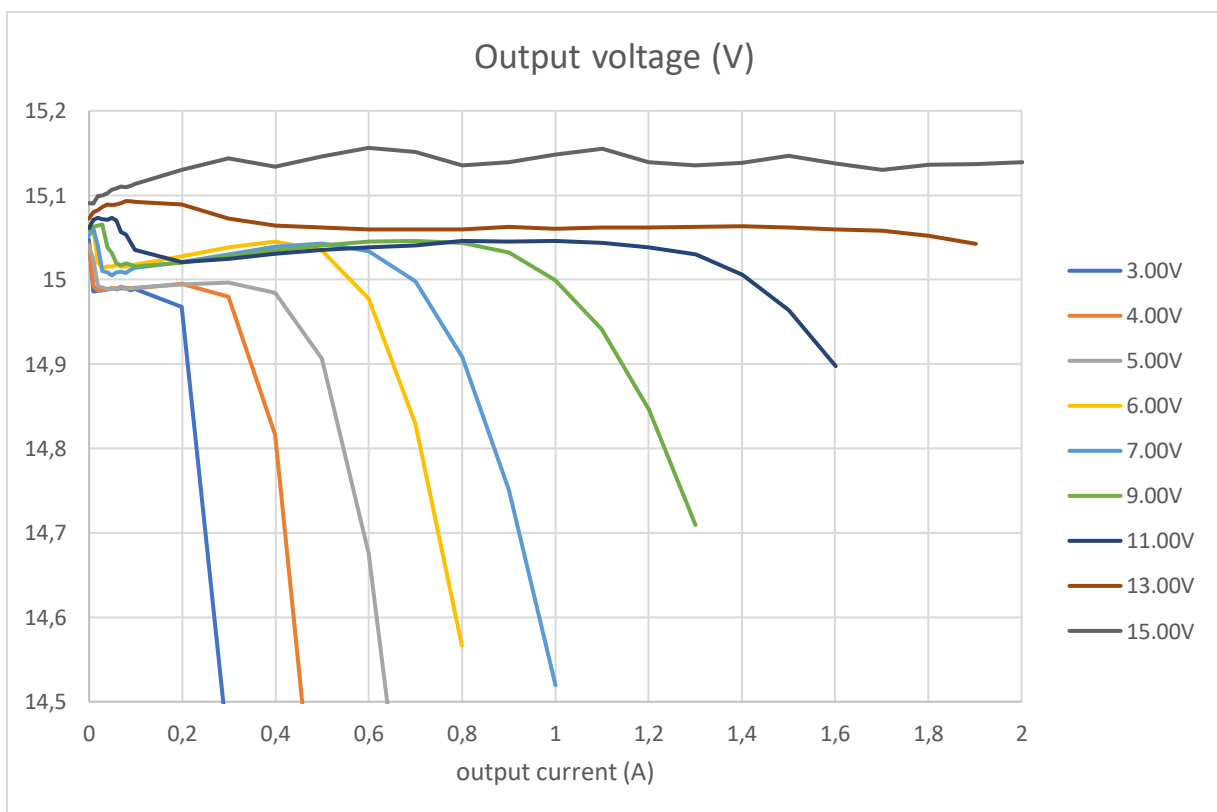
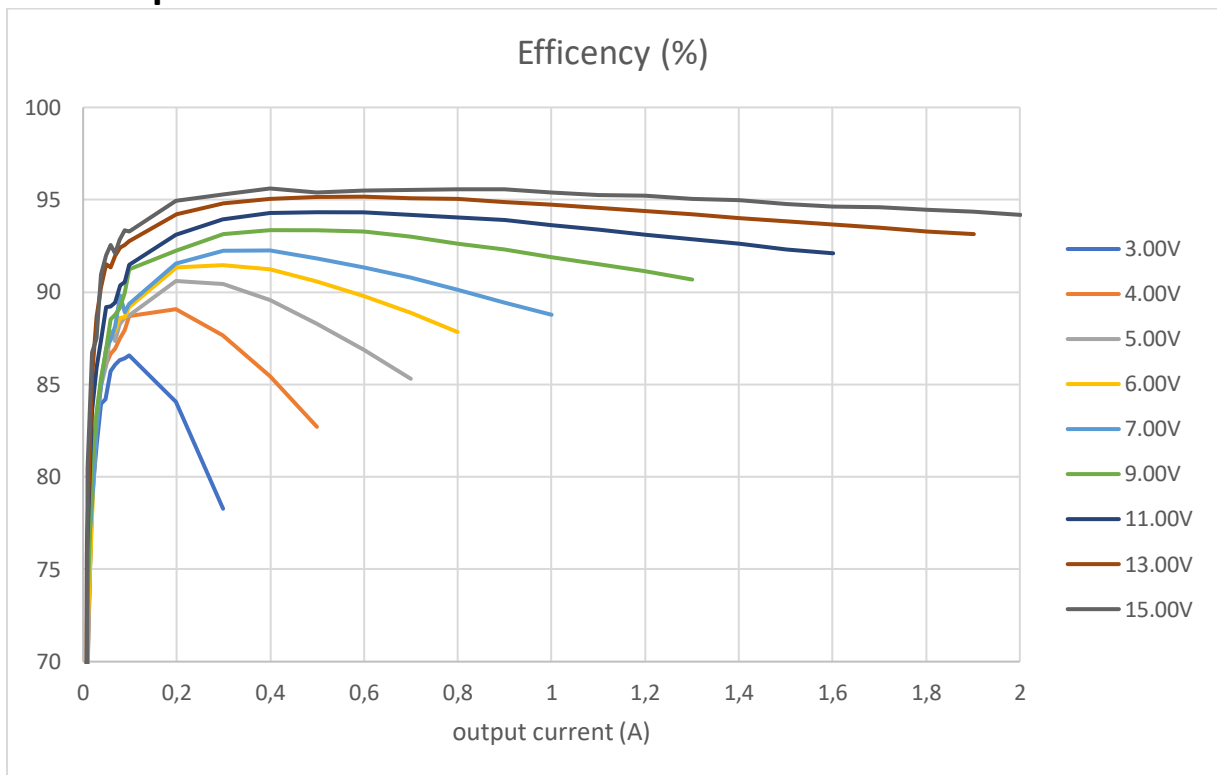
### 12V Output



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### 15V Output



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### 20V Output

