



XL6009 Auto Step-Up/Down 3A DC-DC Converter

The XL6009 regulator module is a wide input range, current mode, DC/DC converter which is capable of step-up and step-down the input voltage to required output voltage. Output voltage is continuously adjustable with multi-turn potentiometer. Suitable for solar cell charging application.



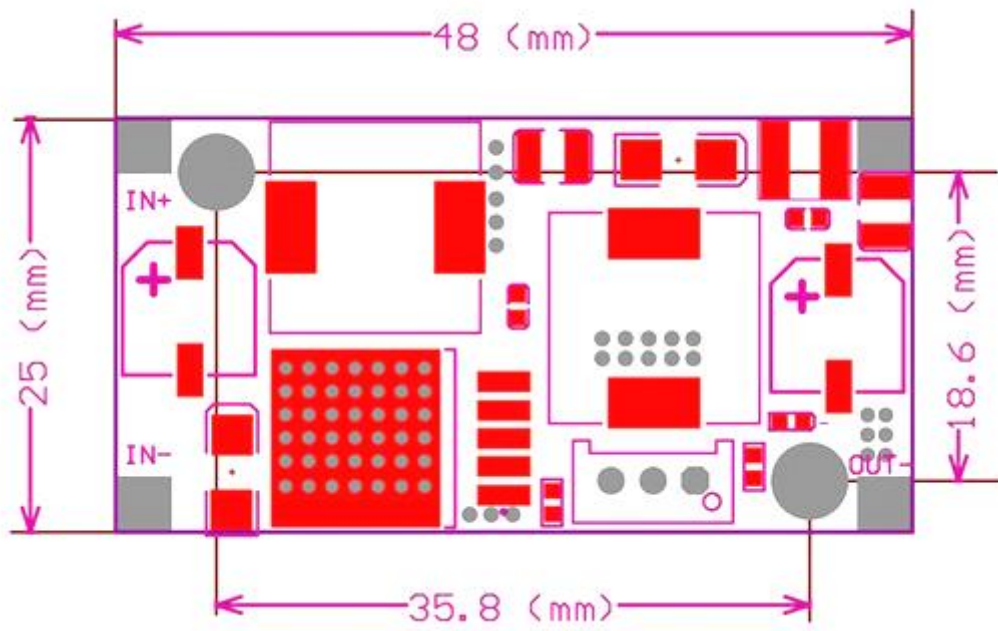
SKU: [MDU1136](#)

Brief Data:

- Input Voltage: 5V~30Vdc.
- Output Voltage: 1.25~35V (continuously adjustable).
- Output current: 3A Max.
- Conversion efficiency: Up to 92%.
- Switching Frequency: 400kHz.
- Module Properties: Buck-Boost.
- Load regulation: $\pm 0.5\%$.
- Voltage regulation: $\pm 0.5\%$.
- Dynamic response speed: 5% 200uS.
- Board Dimension: (48x25)mm.

Mechanical Dimension:

Unit: mm.





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