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elektronikai alkatrész áruház

**EN:** This Datasheet is presented by the manufacturer.

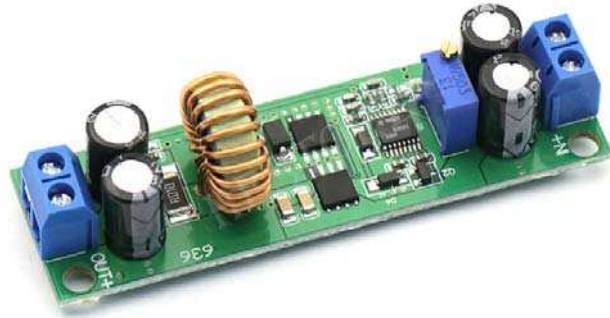
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# DCDC-6010-M

max. 60V input, max. 10A step-down module

HESTORE Part no.: 1003.8452

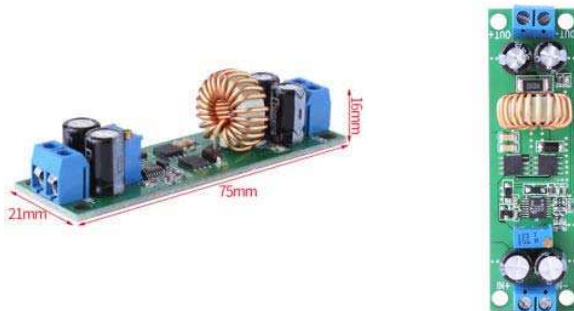
*Synchronous step-down converter with adjustable output voltage*



## Technical specifications

Input voltage	6.5 ~ 60V DC
Output voltage	1.25 ~ 30V DC (adjustable with potentiometer)
Input-output margin	Input must be 3V higher than output
Step-down type	Non-isolated synchronous step-down (buck)
Output current	max. 10A peak, 6A average
Conversion efficiency	max. 97%
Output voltage ripple	< 30mV
Switching frequency	typ. 200 kHz
Controller IC	LT3800 (Linear Technology Corp.)
Operating temperature	-20°C ~ +85°C
Dimensions	75 x 21 x 16mm

## Drawings



Made in PRC, distributed by HESTORE Hungary Ltd. in EU.

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