

COSEL expands its MU series with MUS15•MUS30 models

1. Development Background

COSEL has developed its MU series as the next generation DC-DC converter as a successor to the existing SU/SUC series and has now expanded the series to include the 15 • 30 watt models.

The MU Series now has 1.5, 3, 6, 10, 15, and 30 watt versions. The MU series offers increased performance and higher efficiency to meet the demands of discriminating engineers.

2. Product Features

(1) Low-profile and Footprint Saving

The height is only 8.5 mm (only 30W: 9.2 mm) but also the footprint is small enabled by high efficiency.

(2) Wide Operating Ambient Temperature Range

Suitable for various environments between -40°C to 95°C (only 30W: 90°C).

(3) 2 Types of Input Voltage Range

24VDCin: 18V to 36V

48VDCin: 36V to 76V

(4) Various Output Voltage Line-up

3.3V, 5V, 12V, 15V

(5) SMD Mount Type and Through-hole Mount Type.

Users can choose SMD mount type or Through-hole mount type.

(6) Safety Standards and CE Marking

UL (America), C-UL (Canada), DEMKO (Denmark)

UL62368-1, EN62368-1

Compliant with CE marking, Low Voltage Directive, and RoHS applicable.

(7) Product line-up

Seq.	Model Name	Outputs	Case Size: W x H x D	Weight
1	MUS15	Single output	32.6 x 8.5 x 19.1 mm [1.28 x 0.33 x 0.75 inches]	8g (max.)
2	MUS30	Single output	40.2 x 9.2 x 22.0 mm [1.58 x 0.36 x 0.87 inches]	11g (max.)

3. Target Applications

(1) Control panels of Measurement and Analysis equipment

(2) Communication systems requiring a wide input voltage range

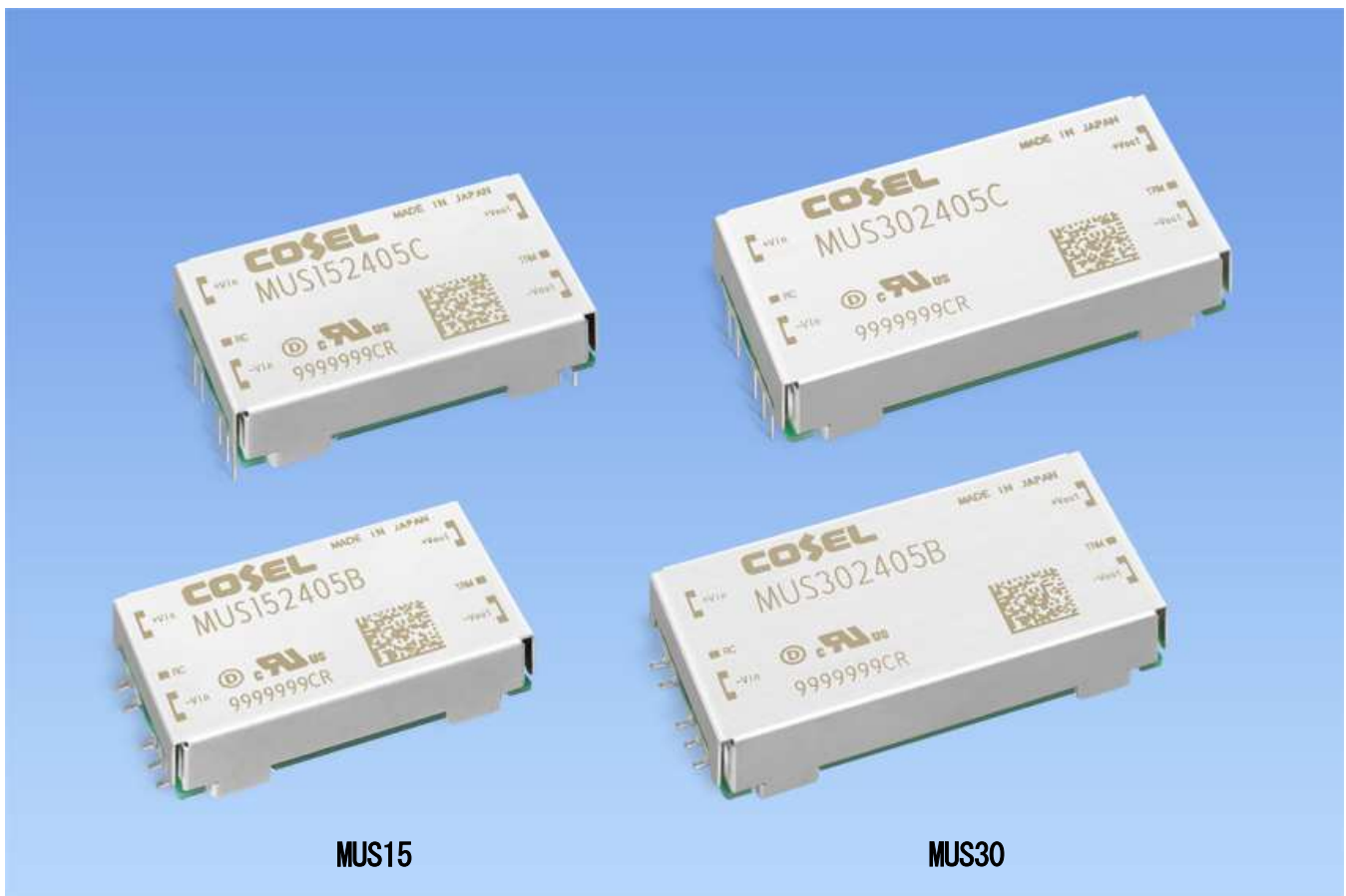
(3) Other General Industry equipment

4. Release Schedule

MU15: August. 2026.

MU30: October. 2026.

5. Product Images



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