

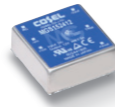
# MG series

NEW

NEW

NEW

NEW

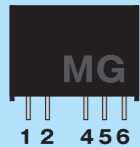


Model	<b>MGS1R5</b> <b>MGW1R5</b>	<b>MGS3</b> <b>MGW3</b>	<b>MGS6</b> <b>MGW6</b>	<b>MGS10</b> <b>MGW10</b>	<b>MGS15</b> <b>MGW15</b>	<b>MGS30</b> <b>MGW30</b>	
Input Voltage	4.5-9V 9-18V 18-36V 36-76V	4.5-9V 9-18V 18-36V 36-76V	4.5-9V 9-18V 18-36V 36-76V	4.5-9V 9-18V 18-36V 36-76V	9-18V 18-36V 36-76V	9-18V 18-36V 36-76V	
Model	<b>MGFS1R5</b> <b>MGFW1R5</b>	<b>MGFS3</b> <b>MGFW3</b>	<b>MGFS6</b> <b>MGFW6</b>	<b>MGFS10</b> <b>MGFW10</b>	<b>MGFS15</b> <b>MGFW15</b>	<b>MGFS30</b> <b>MGFW30</b>	
Input Voltage	9-36V 18-76V	9-36V 18-76V	9-36V 18-76V	9-36V 18-76V	9-36V 18-76V	9-36V 18-76V	
Output Voltage	3.3V	0.4A	0.8A	1.6A	2.6A	4A	8A (7.5A) ※
	5V	0.3A	0.6A	1.2A	2A	3A	6A (6A) ※
	12V	0.13A	0.25A	0.5A	0.9A	1.3A	2.5A (2.5A) ※
	15V	0.1A	0.2A	0.4A	0.7A	1A	2A (2A) ※
	Current	±5 (10)V	-	-	-	-	1.5A
	±12 (24)V	0.065A	0.125A	0.25A	0.42A	0.65A	1.25A (1.25A) ※
	±15 (30)V	0.05A	0.1A	0.2A	0.34A	0.5A	1A (1A) ※
Case Size (W×H×D)mm	17×12×8.5 (SIP6)		22×12×9.5 (SIP8)		25.4×9.9×25.4 (1"×1")	25.4×9.9×50.8 (1"×2")	

※ [ ] : Rated Current of MGFS30 or MGFW30

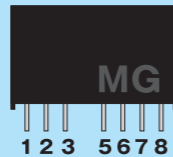
## Single Inline Package

SIP6  
MG1R5  
MG3



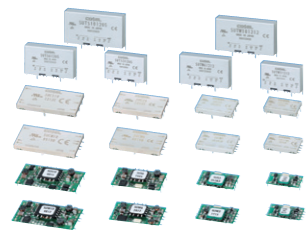
Pin	Single	Dual
1	-Vin	-Vin
2	+Vin	+Vin
4	+Vout	+Vout
5	No Pin	COM
6	-Vout	-Vout

SIP8  
MG6  
MG10



Pin	Single	Dual
1	-Vin	-Vin
2	+Vin	+Vin
3	RC	RC
5	NC	NC
6	+Vout	+Vout
7	-Vout	COM
8	NC	-Vout

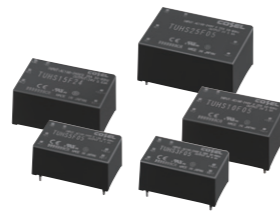
## Cosel Series Lineup



1.5W, 3W, 6W, 10W

**SU series**

PCB Mount Type  
DC-DC Converter



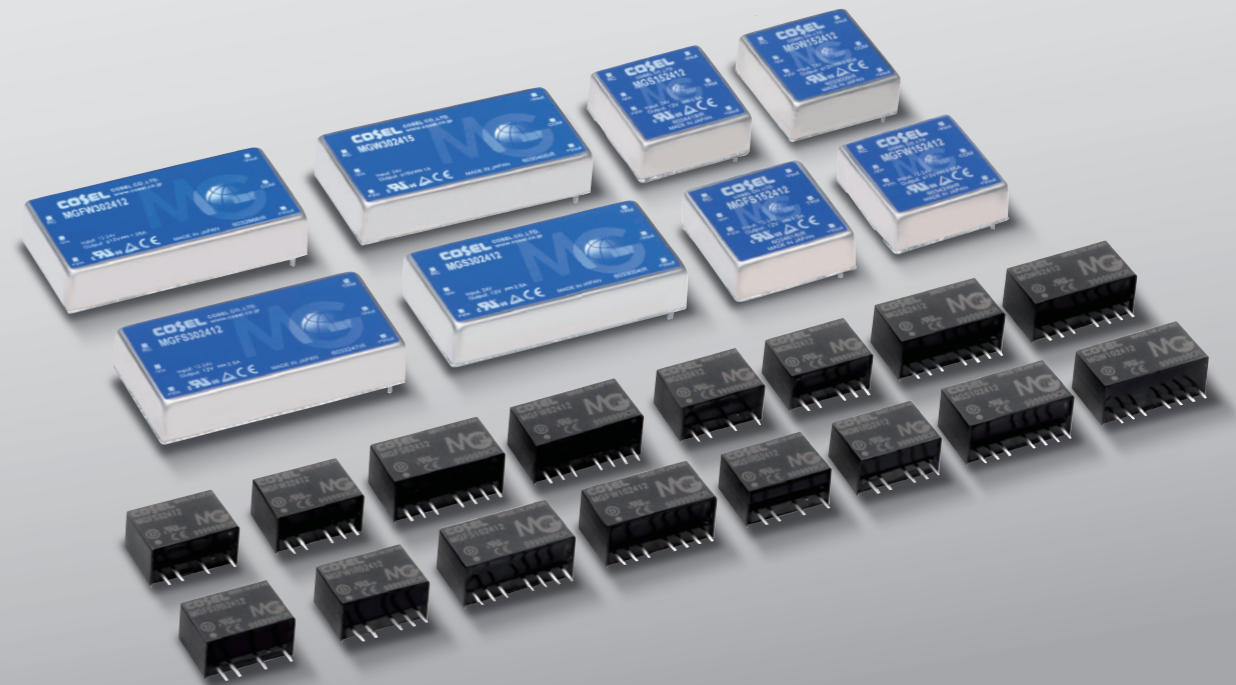
3W, 5W, 10W, 15W, 25W

**TUHS series**

PCB Mount Type  
AC-DC Converter

# COSEL

## Compact Size Isolated DC-DC Converter



# 1.5/3/6/10/15/30W

NEW

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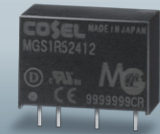
# MG series

## Newly Added 1.5W/3W/6W/10W in MG series lineup

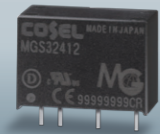
### NEW MG 1R5/3/6/10 series

### MG 15/30 series

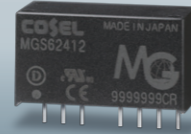
MG1R5



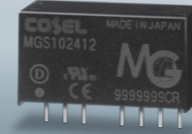
MG3



MG6



MG10



MG15



MG30



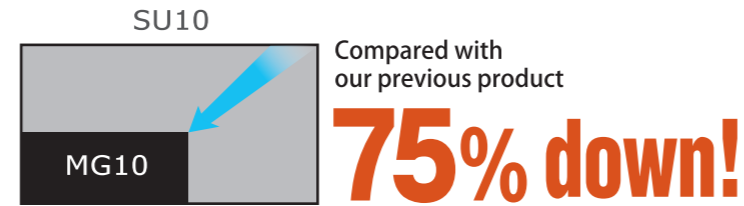
[Features]

- ▷ Built-in remote ON/OFF (MG6, MG10, MG15, MG30)
- ▷ Wide input range DC9-36V/DC18-76V (MGFS/MGFW)
- ▷ Output voltage adjustable (MG15, MG30: Single output)
- ▷ No electrolytic capacitor
- ▷ 10-year warranty

# Wide Lineup 216 Models between 1.5W and 30W

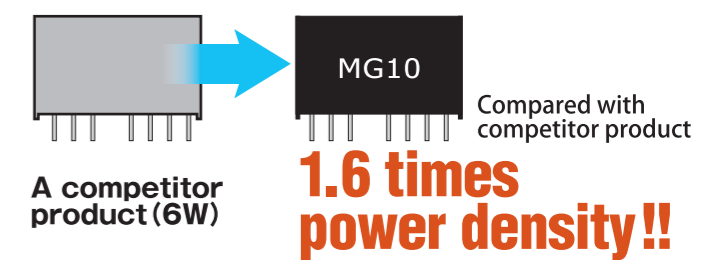
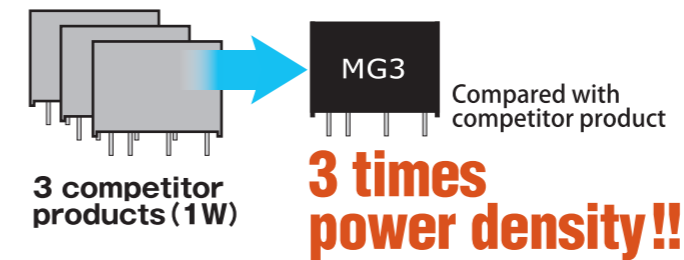
#### Small Footprint

Compact SIP packages can contribute to small footprint.



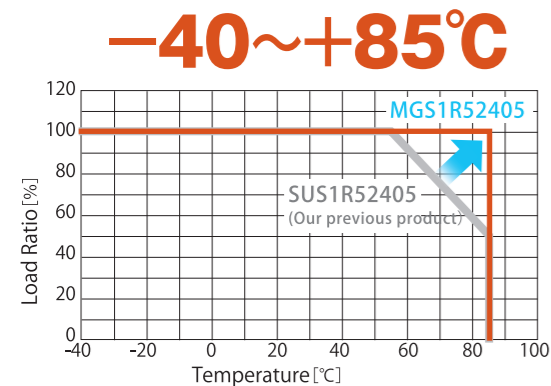
#### High Density and Efficiency

Our resonance technology and synchronous rectification technology (10W) can achieve high density and efficiency.



#### Wide Operating Temperature Range

Wide operating temperature range by adopting resin mold type package.



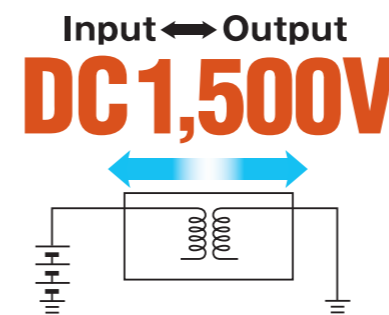
#### Safety resin mold type package

Withstand harsh environment. Provide protection for the live parts.

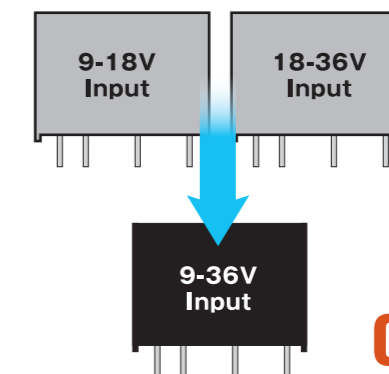


#### High Isolation Voltage

Suitable for Measurements Equipment.



#### Wide Input Range (MGFS/MGFW)



Previous  
Need 2 models for each input voltage range of applications.

Now  
Need one model only by selecting wide input type.

**Can save part cost!**