

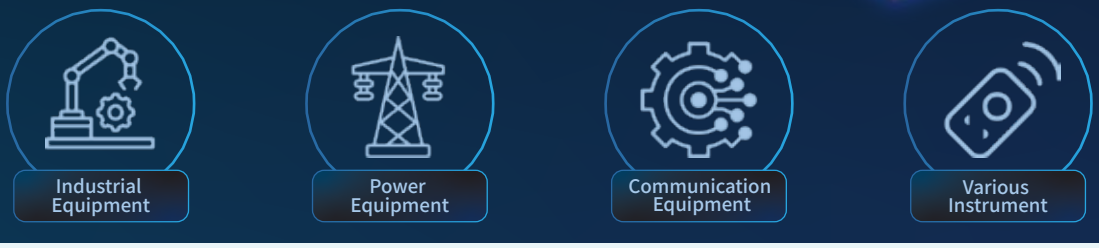
8:1 Ultra-Wide Input Isolated And Regulated DC-DC Converters

The new 8:1 input series supports an ultra-wide 9~75Vdc input range, allowing a single model to cover conventional 12Vdc, 24Vdc, and 48Vdc power systems. This significantly simplifies model selection, reduces inventory SKUs, and optimizes system design complexity. Featuring a Pin-to-Pin compatible design, existing systems can be easily upgraded without PCB relayout, helping reduce implementation cost and risk.

MEAN WELL has established one of the industry's few complete 8:1 modular DC-DC converter product lines, covering multiple package types and a full 1W~50W power range, delivering highly integrated one-stop power solutions for global industrial, power, and communication applications.



Applications



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8:1 Converter Video

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Key Features

- SIP、DIP24、DIP 1" x 1"、DIP 2" x 1" package with industry standandard pinout
- 8 : 1 (9~75Vdc) ultra-wide input range
- Operating temperature range -40~+95℃ (By Model)
- Comply to BS EN/EN55032 radiated Class A without additional components (By Model)
- No minimum load required
- Protections: Short circuit (Continuous)/ Overload/UVLO
- Certificate : EAC/ CE/ UKCA
- 3 years warranty

Model Selection Guide

Package	Series	Watt.	Input Voltage	Output Voltage	Dimensions (LxWxH)	Wty.	Spec. (PDF)
DIP24	S(D)CWN03W8	3W	9~75 Vdc	3.3V, 5V, 12V, 15V ±5V, ±12V, ±15V	31.8 x 20.3 x 10.2mm	3 years	
	S(D)CWN06W8	6W					
	S(D)CW08W8	8W		3.3V, 5V, 9V, 12V, 15V ±5V, ±12V, ±15V			
	S(D)CW12W8	12W					
	S(D)CW20W8	20W		3.3V, 5V, 12V, 15V 24V, ±12V, ±15V			
SIP	S(D)PA01W8	1W		3.3V, 5V, 9V, 12V, 15V 24V, ±5V, ±12V, ±15V	17.4 x 7.75 x 11.1mm		
	S(D)PAN02W8	2W		3.3V, 5V, 12V, 15V ±5V, ±12V, ±15V	21.8 x 9.2 x 11.1mm		
	S(D)PBW03W8	3W					
	S(D)PBW06W8	6W					
	S(D)PB09W8	9W		3.3V, 5V, 9V, 12V, 15V 24V, ±5V, ±12V, ±15V	24.0 x 9.6 x 11.2mm		
DIP 1" x 1"	S(D)KM10W8	10W		3.3V, 5V, 12V 15V, ±12V, ±15V	25.4 x 25.4 x 10.2mm		
	S(D)KMW15W8	15W		3.3V, 5V, 12V, 15V ±5V, ±12V, ±15V			
	S(D)KMW20W8	20W					
	S(D)KMW30W8	30W					
	S(D)I06W8	6W		3.3V, 5V,9V, 12V, 15V 24V, ±5V, ±12V, ±15V			
DIP 2" x 1"	S(D)KE10W8	10W		3.3V, 5V,9V, 12V, 15V 24V, ±5V, ±12V, ±15V	50.8 x 25.4 x 11.2mm		
	S(D)KA15W8	15W					
	S(D)KA20W8	20W		3.3V, 5V, 9V, 12V, 15V 24V, ±12V, ±15V			
	S(D)KM30W8	30W		3.3V, 5V, 12V 15V, ±12V, ±15V			
	SKM50W8	50W		3.3V, 5V, 12V, 15V	50.8 x 25.4 x 13.7mm		

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