

SI06W8/DI06W8 Series:

6W 1" x 1" 8:1 Ultra-Wide Input Isolated DC/DC Converter

Product Strategy Center/Frank Chen

MEAN WELL has received positive feedback on the 1" x 1" 6W/15W/20W/30W 4:1 wide input range DC/DC converter since its release. In order to fulfill the ultra-wide input range requirements, we're officially releasing the 6W single-output SI06W8 and dual output DI06W8 series.

The key features of SI06W8 and DI06W8 series are: Standardized pins and compact size that provide a better power solution for terminal equipment with limited volume, 8:1 (9~75Vdc) ultra-wide input range, ultra-wide operating temperature (-40 ~ +90°C), 3000VDC input-output isolation, meet EN55032 Class A EMI performance without external components, full protections, the internal silicone gel potting would not only help dissipate heat and extend its lifetime, but also has dust/moisture-proofs and anti-vibration capabilities. These features make these converters suitable for installation in electrical panels, telecommunication equipment, industrial automation, distributed power architecture, and transportation applications.

Features

- 1" x 1" packaging, industrial standard pin-out
- 8:1 (9~75Vdc) wide input voltage range
- Free air convection, can operate between -40~+90°C
- Meeting EN55032 Class A EMI performance without external components
- No minimum load requirement
- Protections: short circuit, overload, over voltage, input under voltage
- Dimensions (L x W x H): 25.4 x 25.4 x 10.2mm
- Approvals: EAC / CE / UKCA
- 3 years warranty

Applications



Order information

