

SKM30-N/DKM30-N Series

30W 2" x 1" Wide Range Input Isolated DC-DC Converter

MEAN WELL's SKM30 series is a 2"x 1" DC-DC converter with 2:1 input range, which has been on the market for more than 10 years. In order to fulfill wider input range requirements, MEAN WELL is proud to launch our new 4:1 wide range input single output SKM30-N and dual output DKM30-N series that keep the same footprint as the older series. These features make these converters suitable for electrical panels, telecommunication equipment, industrial control, distributed power architecture, and transportation applications.

| | SKM30 (2012 May launched) | SKM30-N / DKM30-N (2022 Dec. launched) |
|---------------------|--------------------------------------|---|
| Input voltage range | 2:1 (9~18Vdc, 18~36Vdc, 36~75Vdc) | 4:1 (9~36Vdc, 18~75Vdc) |
| Output voltage | 5V/ 12V/ 15V | SKM30-N : 5V/ 12V/ 15V DKM30-N : $\pm 12V$ / $\pm 15V$ |
| Working temp. | -40~+75°C | -40~+90°C (+60 °C @full load no derating) |
| I/O Isolated | 1.5KVdc | 3KVdc |
| Warranty | 2 years | 3 years |

Features

- 2"x 1" packaging, industrial standard pin-out
- 4:1 wide input voltage range
- Free air convection, can operate between -40~+90°C (+60°C@full load no derating)
- Meeting EN55032 Class A EMI performance without external components
- No minimum load requirement
- Built-in remote ON/OFF and output trimming ($\pm 10\%$)
- Protections: short circuit, overload, over voltage
- Dimensions (LxWxH): 50.8x 25.4 x 11.2mm
- Approvals: EAC/CE/UKCA
- 3 years warranty