

### Isolated DC-DC power converter

- > 48VDC Input/12VDC Output/30W
- > Efficiency up to 90%
- > DIN rail mounting
- > Compact design

NSBon-49 is a high-efficiency isolated DC-DC converter with ultra-wide input voltage range and 12 or 24 VDC output. The most important application of this power converter is powering user's equipment that requires 12 or 24 VDC power and must be installed into outdoor access node or uninterruptable power supply cabinet with single 48V DC UPS system inside. 48VDC UPS is the most used UPS for outdoor access nodes because 48VDC power is required by most PoE switches. Therefore NSBon-49 power converter allows to install devices with different power requirements into the outdoor cabinet with single 48 VDC UPS system and helps to save space and solution cost. NSBon-49 can be used for powering LTE/4G routers, NVR's, access controllers, sensors etc. NSBon-49 has input under-voltage protection, output short-circuit, over-voltage and over-current protection. So using NSBon-49 power converter together with 48VDC UPS allows to provide uninterruptable power supply to 48V PoE switches and 12/24V devices at the same time. Four DIN rail mounted terminal blocks are added for convenient 12 or 24 VDC power connection.

### Technical Data

Input DC Voltage: 18-75VDC	No load power consumption: 0.14W
Output Voltage: 12/24V	4 terminal blocks for user's devices
Output Power: 30W	Mounting: clip for 35mm DIN Rail
Efficiency: 90%	Operating Temp.: -40°C to +80°C
Isolation test voltage: 1.5k VDC	Dimensions: 76 x 31.5 x 22.2 mm



### Ordering Information

- NSBon-49 DC-DC power converter. Input 48VDC - Output 12 VDC, terminal blocks 4 pcs.
- NSBon-49 DC-DC power converter. Input 48VDC - Output 24 VDC, terminal blocks 4 pcs.