

# 9260 SERIES

## DC/DC Converters: 150 Watt



### Features

- Switched mode design.
- DC input options: 24V, 36V, 48V, 110VDC.
- Regulated output.
- Short circuit protection.
- Thermal protection.
- Fully isolated output.
- Panel mounting.
- Suitable for mobile communications and industrial applications.

### Specifications

<b>INPUT VOLTAGE:</b>	24 VDC (18-32) 10-32 VDC (10-32) 36 VDC (30-48) 48VDC (40-64) 110VDC (72-140)
<b>OUTPUT VOLTAGE:</b>	See selection table.
<b>OUTPUT CURRENT:</b>	See selection table.
<b>OUTPUT POWER:</b>	Typically 160W continuous, 200W intermittent.
<b>OUTPUT VOLTAGE ADJ:</b>	12V (11.5-14.5), 24V (20-29).
<b>LOAD REGULATION:</b>	2% at nominal input voltage.
<b>LINE REGULATION:</b>	5% over input range.
<b>OPERATING TEMP:</b>	-20°C to 30°C at full load derate linearly to 60°C.
<b>SWITCHING FREQUENCY:</b>	Approx. 55KHZ.
<b>NOISE:</b>	According to CISPR14.
<b>EFFICIENCY:</b>	Typically 82%.
<b>PROTECTION:</b>	Reverse input polarity. Transorb diode at input. Overvoltage protection. Short circuit protection. Thermal protection.
<b>RIPPLE &amp; NOISE:</b>	Typically 50mV pk-pk at nominal load and input voltage.
<b>EMC:</b>	Emission EN55014, Immunity EN50082-1
<b>ISOLATION:</b>	Input and output are electrically isolated from chassis and input is isolated from output. Isolation voltage - 1000 VDC
<b>TERMINALS:</b>	Input and output have 6.3mm push on spade terminals.
<b>DIMENSIONS:</b>	215 x 151 x 62mm.
<b>WEIGHT:</b>	1.1Kg.
<b>BRACKETS:</b>	Optional brackets for panel mounting of units. FCS, two per unit required.

MODEL	Input DC	Output V	Output A	Out (pK)
9260-24/12	24V	13.2V	12A	16A
9260-24/24	24V	24V	7A	9A
9260-36/24	36V	24V	7A	9A
9260-10-32/12	12/24V	13.2V	6A	8A
9260-48/12	48V	13.2V	12A	16A
9260-48/24	48V	24V	7A	9A
9260-80/24	110V	24V	7A	9A

