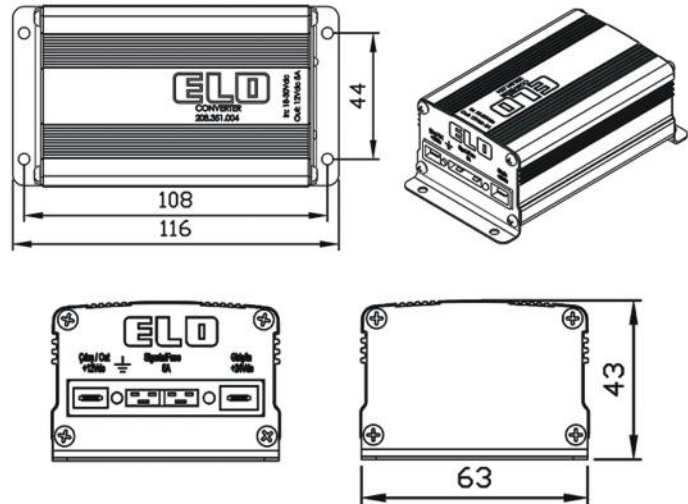


**Converter - SMPS**Product Code **208.351.004**

• 5A

• 70W

• Full Protection - SMPS

**Dimensions & Diagram****Technical Data**

<b>Input Voltage</b>	18 - 32 Vdc	<b>Input Fuse</b>	5A Mini Blade Fuse
<b>Output Voltage</b>	13,6 ± 0,2 Vdc	<b>Noise</b>	<50mV RMS
<b>Output Current</b>	5 A dc	<b>Productivity</b>	>90%
<b>Input Voltage Regulation</b>	<0,5%	<b>Vibration</b>	10-500Hz, 2G/10 minute
<b>Load Regulation</b>	<1,5%	<b>Terminals</b>	2 x 6,3x0,8 mm (Plug-in terminal)
<b>Total Regulation</b>	<2%	<b>Ground Connection Type</b>	Cable with M4 round cable lug (Cable length 10 cm, cross section 1,5 mm <sup>2</sup> )
<b>Stand-by Current</b>	<20mA	<b>Ambient Temperature</b>	- 10 / + 40 °C *
<b>Current Limit</b>	5 A	<b>Humidity</b>	Maximum 95% (Non-condensing)

\* Current should be decreased 0,25A for every unit above +40 °C

**Product Details**

Designed for use at lower loads, ELO SMPS 5A Converter converts 24V DC input voltage to 12V DC voltage. It can be used in various 12V appliances such as radio, tape, radio, television, etc. that use up to 5 amperes of current. The blade fuse holder is mounted on the outside of the device for easy access. The red LED warning light on the fuse terminal is lit as long as there is 24V input to the device and the device's fuse is intact. If the LED is not lit, it means that the 24V input voltage is not present or fuse is blown.

ELO SMPS 5A Converter will reduce the output voltage by means of current limiting feature when it is desired to continuously draw more than 5 amps at 12V output. Thus, the device does not malfunction due to over-current, only the output voltage is limited. Consequently, the device protects itself and the receivers connected to it. At the same time, ELO SMPS 5A Converter has a short circuit protection feature. Even if the device output is short-circuited by mistake, it will not be damaged due to short-circuit protection. When the short circuit is removed, the device operates as usual with all its features.

Common usage areas of ELO SMPS 5A Converter are heavy vehicles and construction machinery, buses, vehicle radio systems, 12V lighting, sound and music systems.

ELO SMPS 5A Converter's prominent features are its aluminum body and high efficiency, continuous current monitoring, over-current protection as well as voltage, load and short circuit protection, SMPS technology, easy installation, user-replaceable fuse and silent / non-fan operation.

**Notes**

All measurements are in millimeters.

