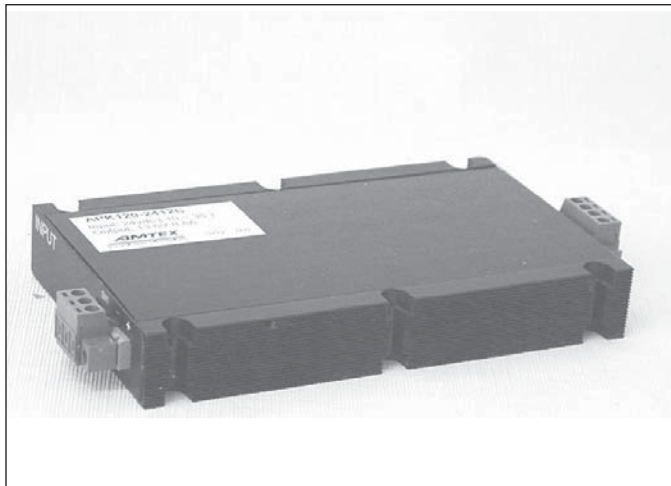


# APK120 SERIES

DC/DC Converters Single Output: 120 Watts



## Features

- Standard input voltage options: 12V, 24V, 48 & 110VDC
- Low profile: 25mm
- Ideal for harsh environments, fully encapsulated
- Adjustable output
- Overload protection
- Input - Output isolation
- Suitable for a wide range of industrial and Telecom applications
- Field proven reliability, mature product
- Panel mounting flanges

## General Specifications

<b>Input Voltage:</b>	<b>12VDC</b> (10.5 - 20) <b>24VDC</b> (18.5 - 40) <b>48VDC</b> (36 - 72) <b>110VDC</b> (80 - 175)
<b>Output Power:</b>	120 watts
<b>Output Voltage:</b>	12 - 48VDC
<b>Voltage Range:</b>	Fixed
<b>Load Regulation:</b>	±0.5%
<b>Line Regulation:</b>	±0.5%
<b>Isolation:</b>	Input - Output 1000VDC
<b>EMI:</b>	EN55011 Level A
<b>Operating Temp:</b>	-10°C to +55°C, derate linearly to 70%
<b>Efficiency:</b>	Model dependent, typically 85%
<b>Protection:</b>	By external input fuse. Overvoltage protection. Short circuit protection
<b>Dimensions/Weight:</b>	150 x 90 x 25mm 500g

## Description

The APK120 series DC/DC converter is an extension of our proven AK25 and AK60 series modules. They are specifically designed for harsh environments.

Suitable for a wide range of industrial applications with input voltage options from 12 - 110VDC

Mounting flanges provide an easy way to panel mount and the standard protection features provide an excellent low cost DC/DC converter solution.

• **For more detailed information on APK120 visit our website**

## Options

<b>APK25 - APK60:</b>	Low power 25 and 60 watt modules
<b>Output Voltage:</b>	Non standard output voltages possible
<b>Wide Input:</b>	Wide input voltage options, eg: 11-36VDC. Power maximum (100 watts)

Model	Input	Output		Power W
		V	A	
APK120 - 1212	12V	12V	10A	120W
APK120 - 1213.8	12V	13.8V	8.7A	120W
APK120 - 1224	12V	24V	5A	120W
APK120 - 1248	12V	48V	2.5A	120W
APK120 - 2412	24V	12V	10A	120W
APK120 - 2413.8	24V	13.8V	8.7A	120W
APK120 - 2424	24V	24V	5A	120W
APK120 - 2448	24V	48V	2.5A	120W

Model	Input	Output		Power W
		V	A	
APK120 - 4812	48V	12V	10A	120W
APK120 - 4813.8	48V	13.8V	8.7A	120W
APK120 - 4824	48V	24V	5A	120W
APK120 - 4848	48V	48V	2.5A	120W
APK120 - 11012	110V	12V	10A	120W
APK120 - 11013.8	110V	13.8V	8.7A	120W
APK120 - 11024	110V	24V	5A	120W
APK120 - 11048	110V	48V	2.5A	120W