

**Step Up  
Switching Mode DC-DC Converter**

**Description**

This series of DC-DC Switching Mode Converters are built to meet the high current applications at 28V DC. In addition to the high efficiency, the low profile construction makes use of the heat sinks as main body of the robust, rugged housing of the unit. The OVP ( Over Voltage Protection ) protects sensitive electronic equipment.

**Features**

- High efficiency 88%
- High power density
- Output over voltage protection
- Short circuit and overload protection
- LED power on indicator
- EMC INTERFERENCE IMMUNITY
- Power ON - OFF Switch



**Specifications**

<b>Input Voltage Range</b>	<b>FUM-1224-08FDC</b> 10 - 15VDC
<b>Output Voltage</b>	28VDC
<b>Continuous Output Current</b>	8A
<b>Maximum Output Current</b>	10A
<b>Ripple &amp; Noise (Peak-Peak)</b>	<100mVp-p
<b>Load Regulation</b>	300mV
<b>Line Regulation</b>	150mV
<b>Output Voltage Protection</b>	Over Voltage Protection
<b>Efficiency</b>	88%
<b>Protection Devices</b>	Output Overload, Short Circuit Protection
<b>Indicators</b>	Power on LED
<b>Input Connection Type</b>	Cable
<b>Output Connection Type</b>	One set banana screw on type and one set philips screw type
<b>Cooling System</b>	Natural Convection
<b>Input Fuse Type</b>	Standard Car Blade Fuse
<b>CE Approvals</b>	EN 55014 , EN 55022
<b>e-Mark Approvals</b>	e11 02 2981
<b>Dimensions (WxHxD)</b>	156 x 57 x 130mm (6.1 x 2.2 x 5.1in.)
<b>Weight</b>	1kgs (35oz.)
<b>Accessory</b>	Mounting Bracket

All values are based on the Standard ambient Temperature 25°C and Pressure 0.1Mpa.  
\* SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE \*

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