

**Output 13.8VDC
Switching Mode DC-DC Converter**

Description

This series of Switching mode DC-DC converters are built to meet the high current applications at 13.8VDC. 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

- 13.8V DC regulated output voltage
- 22 - 30V DC input voltage
- High efficiency 88%
- High power density
- Output over voltage protection
- Overload and short circuit protection
- LED power on indicator
- EMC INTERFERENCE IMMUNITY
- Power on-off switch



Specifications

| | FUM-2412-20FDC | FUM-2412-40FDC |
|---------------------------------------|--|--|
| Input Voltage Range | | |
| Output Voltage | | |
| Continuous Output Current | 20A | 40A |
| Maximum Output Current | 25A | 45A |
| Ripple & Noise (Peak-Peak) | | |
| Load Regulation | 50mV | 80mV |
| Line Regulation | | |
| Efficiency | 89% | 88% |
| Input Connection Type | | |
| Output Connection Type | Terminal | Terminal |
| Indicators | | |
| Cooling System | Natural Convection | Variable speed thermally control fan |
| Protection Devices | | |
| Input Fuse Type | | |
| CE Approvals | | |
| e-Mark Approvals | e11 02 1524 | e11 02 1521 |
| Dimensions (WxHxD) | 156 x 57 x 168mm 6.1 x 2.2 x 6.6in. | 156 x 57 x 240mm 6.1 x 2.2 x 9.5in. |
| Weight | 1.4kgs (49.3oz.) | 2.2kgs (77.4oz.) |
| Accessory | Mounting Bracket | 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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