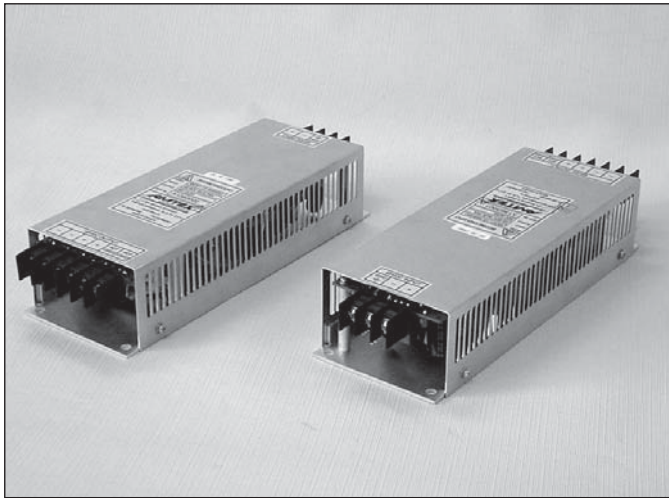


MOP SERIES

DC/DC Single Output: 100 - 150 Watts



Features

- DC input 12V, 24, 48,72,110V.
- Regulated and isolated output.
- Thermal protection.
- N+1 redundancy option (for systems only).
- Suitable for special multi output configurations.

The MOP series converters are high density, low cost units designed for space critical applications. We can offer special input-output configurations as well as complex multi output systems based on the MOP series. These units are available in a semi enclosed package with a chassis mount heat sink extrusion or a complete vented case package. Ask for MOF208 and MOF306 spec's for dual-triple output (75-120 watt modules).

Specifications

INPUT VOLTAGE:	12 VDC (11-16) @75% power 24 VDC (21-29) 48 VDC (42-60) 72 VDC (60-85) 110 VDC (95-140) *We can also supply special input voltage to customer specifications.
EFFICIENCY:	Typically 80% depending on input.
OUTPUT VOLTAGE:	Any DC voltage to 60V; maximum output current 25A
OUTPUT POWER:	75 watts for 12 VDC input, 150 watts for 24-110 VDC input
REMOTE SENSE:	Standard on 5V output, optional for other outputs
OUTPUT VOLTAGE ADJ:	±10%. V out.
CURRENT LIMIT:	Set @ 105-120% of rating.
LOAD REGULATION:	±1% at nominal input.
LINE REGULATION:	± 0.5% over specified input range.
ISOLATION:	Input - output 500 VDC (2250V optional).
OPERATING TEMP:	0° to 50°C at rated load. Derate 2.5% per °C from 50°-70°C.
HUMIDITY:	5 - 95% non-condensing. Conformal coating optional for "Fungus Resistance".
TEMPERATURE DRIFT:	0.03% per °C.
EMC:	EN55022 Level A
PROTECTION:	* Reverse input polarity. * Overvoltage protection. * Short circuit protection. * Thermal protection.
RIPPLE & NOISE:	Typically 1% of V out.
COOLING:	Free air convection.
VIBRATION/SHOCK:	Operating 10-55HZ 2G 3 min. period over 60 min. 20G
WEIGHT:	0.5Kg.
DIMENSIONS :	239 x 80 x 52mm with terminal block and vented cover Type "C". F2 - E Package - optional

MODEL	Input	Output		Power W
		V	A	
MOP115 - 24S05C	24V	5V	25A	125W
MOP115 - 24S12C	24V	12V	12.5A	150W
MOP115 - 24S15C	24V	15V	10A	150W
MOP115 - 24S24C	24V	24V	6.2A	150W
MOP115 - 24S48C	24V	48V	3.2A	150W
MOP115 - 48S05C	48V	5V	25A	125W
MOP115 - 48S12C	48V	12V	12.5A	150W
MOP115 - 48S15C	48V	15V	10A	150W
MOP115 - 48S24C	48V	24V	6.2A	150W
MOP115 - 48S48C	48V	48V	3.2A	150W
MOP115 - 72S05C	72V	5V	25A	125W
MOP115 - 72S12C	72V	12V	12.5A	150W
MOP115 - 72S15C	72V	15V	10A	150W
MOP115 - 72S24C	72V	24V	6.2A	150W
MOP115 - 72S48C	72V	48V	3.2A	150W
MOP115 - 110S05C	110V	5V	25A	125W
MOP115 - 110S12C	110V	12V	12.5A	150W
MOP115 - 110S15C	110V	15V	10A	150W
MOP115 - 110S24C	110V	24V	6.2A	150W
MOP115 - 110S48C	110V	48V	3.2A	150W

