



2.0"W x 3.5"L x 0.8"H

- ☑ Universal 90-264 VAC Input
- ☑ High Efficiency
- ☑ Regulated Outputs
- ☑ 3000 VAC Isolation
- ☑ Single and Dual Outputs
- ☑ Full Safety Approvals



PRODUCT MODELS

Model	Output Power	Output Voltage	Maximum Average Output Current	Peak Current
Single Output				
OFM-0200	20 W	3.3 VDC	5.4 A	6.5 A
OFM-0201	20 W	5 VDC	4.4 A	5.2 A
OFM-0202	20 W	12 VDC	1.8 A	2.2 A
OFM-0203	20 W	15 VDC	1.4 A	1.7 A
OFM-0205	20 W	24 VDC	0.92 A	1.1 A
Dual Output				
OFM-0206	20 W	+/-12 VDC	+/-0.92 A	+/-1.1 A
OFM-0207	20 W	+/-15 VDC	+/-0.73 A	+/-0.87 A
OFM-0208	20 W	3.3/6 VDC	3/1.5 A	3.9/2.2 A

20 Watt Ultraminiature Open Frame Switching Power Supplies

OFM20

INPUT SPECIFICATIONS

Input Voltage Range	90-264 VAC (100-240 nom)
Input Frequency	47-63 Hz (50-60 Hz nom)
Inrush Current *	20A at 100VAC, typ 40A at 200VAC, typ
Earth Leakage Current	100uA max at 240VAC

OUTPUT SPECIFICATIONS

Output Voltage	See Selection Chart
Output Power	20W
Load Regulation	±0.5% typ, 20% Load to FL
Line Regulation	Single: ±0.1~1% typ Dual: ±0.3~1% typ
Cross Regulation (Dual)	2% typ
Efficiency	75%~78% typ at nom. input
Preset Accuracy	1%
DC Voltage Adjust	±6% of FS (primary)
Temperature Coeff.	±0.04%/°C
Ripple/Noise	100mV Pk-Pk typ
Transient Response	110Vin, FL 4 ms
Temperature Coeff.	±0.04%/°C
Switching Frequency	100kHz fixed, typ
Over Voltage *	130-150%, clamp
Short Circuit	Continuous, Auto Recovery
Hold Up Time	14ms typ at 120 VAC

ISOLATION SPECIFICATIONS

Input to Output	3000VAC
Input to GND	1500VAC

MECHANICAL SPECIFICATIONS

Size	2.0" x 3.5" x 0.80"
Weight	3.1oz / 88g
Construction	Open Frame

All specifications are typical at nominal input, full load, 25°C unless specified otherwise.

*These are stress ratings. Exposure of the devices to any of these conditions may adversely affect long term reliability. Operation under conditions other than the standard operating conditions is neither warranted nor implied.

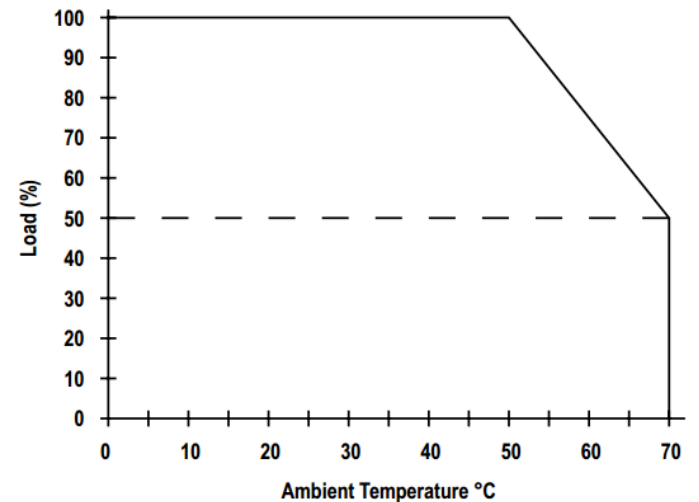
SAFETY AND COMPLIANCE CERTIFICATIONS

Safety Approvals	IEC 60950-1 2 nd Ed UL/cUL, UL-EU, CB/CE, CSA C22.2
EMC	EN 55011 (CISPR11), Class B

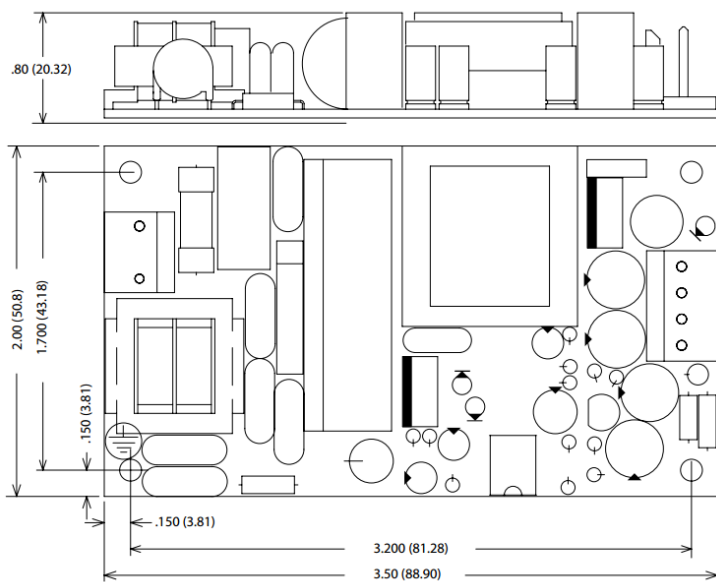
ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	0 to +50°C, see derate chart
Storage Temperature*	-25 to +71°C
Relative Humidity*	0% to 95%, non-condensing
MTBF (Mil Std 217, 25°C)	190,000 hrs

TEMPERATURE DERATING



MECHANICAL INFORMATION



Pin #	Single Outputs	Dual Outputs
3	- Out	- Out
4	- Out	COM
5	+ Out	COM
6	+ Out	+ Out