



MEAN WELL

SWITCHING POWER SUPPLY
ISO-9001 CERTIFIED MANUFACTURER

OFM-1500

- .LOW COST, HIGH RELIABILITY
- .105 OUTPUT CAPACITOR
- .INTERNATIONAL AC INPUT RANGE
- .HIGH EFFICIENCY, LOW WORKING TEMPERATURE
- .SOFT-START CIRCUIT, LIMITING AC SURGE CURRENT
- .SHORT CIRCUIT, OVERLOAD, OVER VOLTAGE PROTECTED
- .COMPACT SIZE, LIGHT WEIGHT
- .100% FULL LOAD BURN-IN TEST
- .BUILT IN EMI FILTER, LOW RIPPLE NOISE



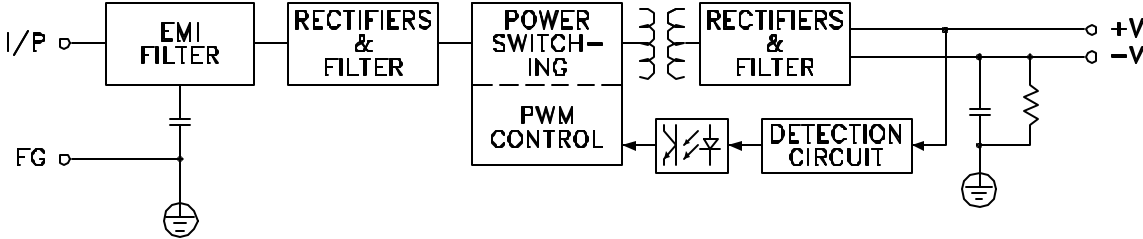
SPECIFICATION	MODEL	OFM-1501	OFM-1502	OFM-1503	OFM-1505
DC OUTPUT VOLTAGE		5V	12V	15V	24V
OUTPUT V. TOLERANCE		± 2%	± 2%	± 2%	± 2%
OUTPUT RATED CURRENT		3A	1.25A	1A	0.63A
OUTPUT CURRENT RANGE		0-3A	0-1.25A	0-1A	0-0.63A
RIPPLE & NOISE		50mVp-p	150mVp-p	150mVp-p	240mVp-p
LINE REGULATION		± 0.5%	± 0.3%	± 0.3%	± 0.2%
LOAD REGULATION		± 2%	± 1%	± 1%	± 0.5%
DC OUTPUT POWER		15W	15W	15W	15.12W
EFFICIENCY		68%	74%	75%	76%
DC VOLTAGE ADJ.		± 10%			
INPUT VOLTAGE RANGE		85~264VAC 47~440Hz; 120~370VDC			
AC CURRENT		0.45A/115V 0.25A/230V			
INRUSH CURRENT		COLD START 25A/115V 45A/230V			
LEAKAGE CURRENT		-----			
OVERLOAD PROTECTION		ABOVE 150% TYPE:PULSING HICCUP SHUTDOWN RESET:AUTO RECOVERY			
OVER VOLTAGE PROTECTION		115%~135%			
OVER TEMP. PROTECTION		U1 Tj 145 TYPICALLY POWER SHUTDOWN			
TEMP. COEFFICIENT		± 0.03% / (0~50)			
SETUP, RISE, HOLD UP TIME		150ms, 20ms, 17ms/115VAC 150ms, 20ms, 50ms / 230VAC			
VIBRATION		10~500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES			
WITHSTAND VOLTAGE		I/P-O/P: 3KVAC			
ISOLATION RESISTANCE		I/P-O/P: 500VDC / 100M			
WORKING TEMP., HUMIDITY		-10 ~+60 C(REFER TO OUTPUT DERATING CURVE) , 20%~90% RH			
STORAGE TEMP., HUMIDITY		-20 ~+85 , 10%~95% RH			
DIMENSION		70*48*21mm			
WEIGHT		70g			
SAFETY STANDARDS		UL1950, TUV EN60950 APPROVED			
EMC STANDARDS		EN50081-1,EN50082-1			

NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25 70% RH. AMBIENT.
2.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
3.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.

MAR.25.1999

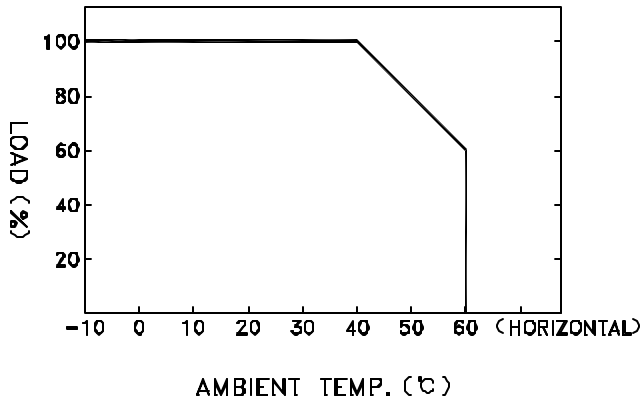
OFM-1500 SERIES

BLOCK DIAGRAM

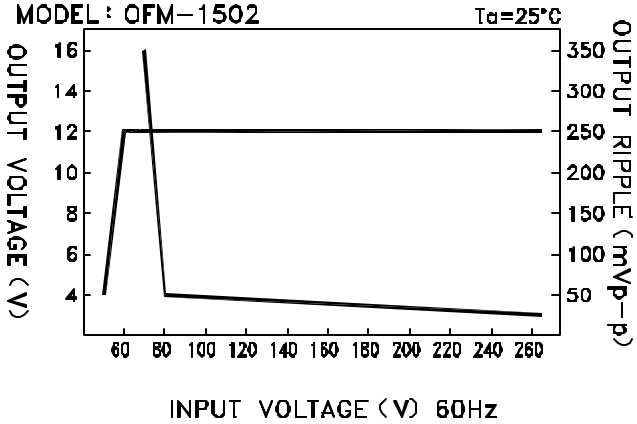


fosc : 100KHz

OUTPUT DERATING



STATIC CHARACTERISTICS



DIMENSION:mm

