



MEAN WELL

SWITCHING POWER SUPPLY
ISO-9001 CERTIFIED MANUFACTURER

OFM-0200 SERIES

- .LOW COST, HIGH RELIABILITY
- .105°C 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



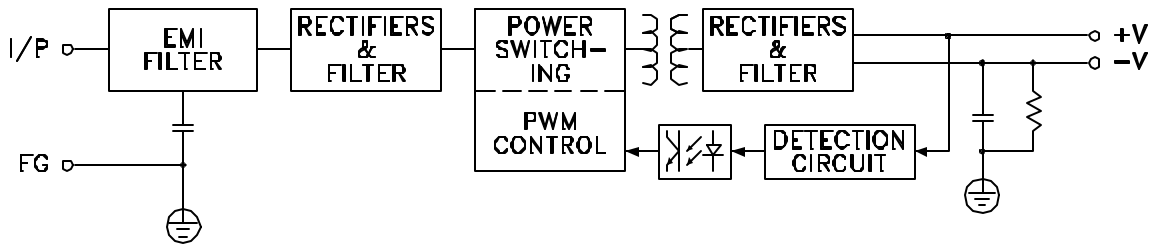
MODEL	OFM-0201	OFM-0202	OFM-0203	OFM-0205
DC OUTPUT VOLTAGE	5V	12V	15V	24V
OUTPUT V. TOLERANCE	± 2%	± 2%	± 2%	± 2%
OUTPUT RATED CURRENT	4.4A	1.8A	1.4A	0.92A
OUTPUT CURRENT RANGE	0-4.4A	0-1.8A	0-1.4A	0-0.92A
RIPPLE & NOISE	50mVp-p	150mVp-p	150mVp-p	240mVp-p
LINE REGULATION	± 0.5%	± 0.3%	± 0.3%	± 0.2%
LOAD REGULATION	± 2%	± 1%	± 1%	± 0.5%
DC OUTPUT POWER	22W	21.6W	21W	22.08W
EFFICIENCY	70%	76%	76%	78%
DC VOLTAGE ADJ.	± 6%			
INPUT VOLTAGE RANGE	85~264VAC 47~440Hz; 120~370VDC			
AC CURRENT	0.6A/115V 0.4A/230V			
INRUSH CURRENT	COLD START 25A/115V 45A/230V			
LEAKAGE CURRENT	< 3.5mA/240VAC			
OVERLOAD PROTECTION	ABOVE 150% TYPE:PULSING HICCUP SHUTDOWN RESET:AUTO RECOVERY			
OVER VOLTAGE PROTECTION	115%~135%			
OVER TEMP. PROTECTION	U1 Tj 145°C TYPICALLY POWER SHUTDOWN			
TEMP. COEFFICIENT	± 0.03% / °C (0~50°C)			
SETUP, RISE, HOLD UP TIME	300ms, 160ms, 17ms/115VAC 300ms, 160ms, 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 Ohms			
WORKING TEMP., HUMIDITY	-10°C~+60°C(REFER TO OUTPUT DERATING CURVE) , 20%~90% RH			
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH			
DIMENSION	89*51*21mm			
WEIGHT	100g			
SAFETY STANDARDS	UL1950, TUV EN60950 APPROVED			
EMC STANDARDS	EN50081-1,EN50082-1			

NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25°C 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

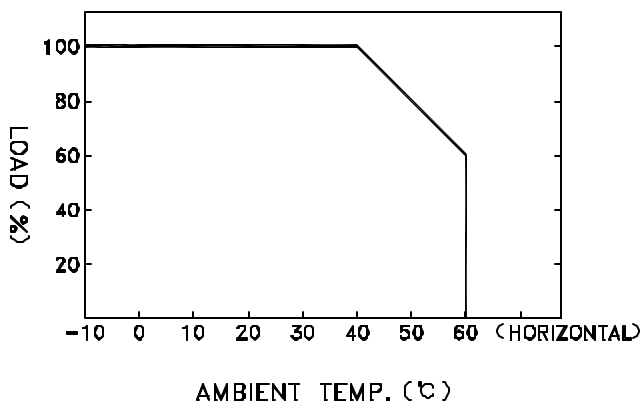
OFM-0200 SERIES

BLOCK DIAGRAM

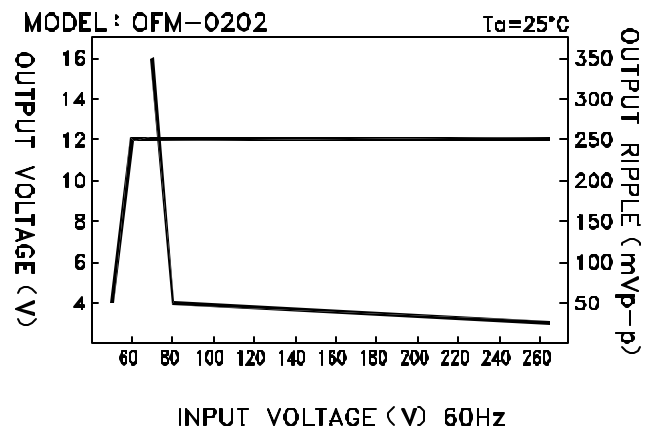


fosc : 100KHz

OUTPUT DERATING



STATIC CHARACTERISTICS



DIMENSION: mm

