

MEAN WELL SWITCHING POWER SUPPLY ISO-9001 CERTIFIED MANUFACTURER

DRP-240 SERIES

LOW COST, HIGH RELIABILITY	.BUILD IN POWER FACTOR CORRECTOR	
.105°C OUTPUT CAPACITOR	.COMPACT SIZE, LIGHT WEIGHT	
INTERNATIONAL AC INPUT RANGE	.100% FULL LOAD BURN-IN TEST	
.HIGH EFFICIENCY, LOW WORKING TEMPERATURE	BUILT IN EMI FILTER, LOW RIPPLE NOISE	
.SOFT-START CIRCUIT, LIMITING AC SURGE CURRENT	.BUILT IN PFC CIRCUIT	
SHORT CIRCUIT, OVERLOAD, OVER VOLTAGE OVER TEMP. PROTECTED	OVER TEMPERATURE PROTECTED	
MODEL		
SPECIFICATION	DRP-240-24	DRP-240-48
DC OUTPUT VOLTAGE	24V	48V
OUTPUT V. TOLERANCE	±1%	±1%
OUTPUT RATED CURRENT	10A	5A
OUTPUT CURRENT RANGE	0-10A	0-5A
RIPPLE & NOISE	80mVp-p	150mVp-p
LINE REGULATION	±0.5%	±0.5%
LOAD REGULATION	±1%	±1%
DC OUTPUT POWER	240W	240W
EFFICIENCY	84%	85%
DC VOLTAGE ADJ.	24V~28V	48V~53V
INPUT VOLTAGE RANGE	85~264VAC 47~63Hz; 120~370VDC	
AC CURRENT	3.5A/115V 1.8A/230V	
POWER FACTOR	PF>0.95/230VAC, PF>0.98/115VAC	
INRUSH CURRENT	COLD START 30A/115V 50A/230V	
LEAKAGE CURRENT	<3.5mA/240VAC	
OVERLOAD PROTECTION	105% ~150% TYPE:CONSTANT CURRENT LIMITING RESET:AUTO RECOVERY	
OVER VOLTAGE PROTECTION	30~36V	54~60V
OVER TEMP.PROTECTION	100°C±5°C(TSW) TYPE:SHUT DOWN RESET:AUTO RECOVERY	
TEMP. COEFFICIENT	±0.03% / °C (0-50°C)	
SETUP, RISE, HOLD UP TIME	800ms;40ms; 20ms/230V,115V	
VIBRATION	10-500Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES	
WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC	
ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:500VDC / 100M Ohms	
WORKING TEMP., HUMIDITY	-10°C~+70°C(REFER TO OUTPUT DERATING CURVE), 20%~90% RH	
STORAGE TEMP., HUMIDITY	-20°C~+85°C, 10%~95% RH	
DIMENSION	125.5*125.2*100mm (W*H*D)	
WEIGHT	1.1Kgs	
SAFETY STANDARDS	TUV EN60950, UL508 APPROVED	
EMC STANDARDS	EN55022 CLASS B ,EN61000-4-2,3,4,5,6,8,11; ENV50204 ,EN61000-3-2,-3 ,EN50082-2 VERIFICATION	
NOTE: 1 ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED L 2.TOLERANCE: INCLUDE SET UP TOLERANCE, LINE REGULA 3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12° TV 4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH L 5.LOAD REGULATION IS MEASURED FROM 0% TO 100% RATED	TION, LOAD REGULATION. NSTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR. INE AT RATED LOAD.	2002-09-

DRP-240 SERIES

