



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SCN-800 SERIES

- .BUILT IN EMI FILTER
- .OVER LOAD PROTECTED
- .OVER TEMP. PROTECTED
- .WITH PARALLEL FUNCTION
- .SHORT CIRCUIT PROTECTED
- .OVER VOLTAGE PROTECTED
- .BUILT IN REMOTE SENSE / CONTROL
- .2 YEAR WARRANTY



SPECIFICATION	MODEL	SCN-800-12	SCN-800-15	SCN-800-24	SCN-800-48
DC OUTPUT VOLTAGE		12V	15V	24V	48V
OUTPUT V. TOLERANCE		±1%	±1%	±1%	±1%
OUTPUT RATED CURRENT		66A	54A	33A	16.6A
OUTPUT CURRENT RANGE		0-66A	0-54A	0-33A	0-16.6A
RIPPLE & NOISE		120mVp-p	150mVp-p	240mVp-p	480mVp-p
LINE REGULATION		±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION		±1%	±1%	±1%	±1%
DC OUTPUT POWER		800W	800W	800W	800W
EFFICIENCY		80%	81%	85%	87%
DC VOLTAGE ADJ.		±5% TYPICAL			
INPUT VOLTAGE RANGE		180-260VAC 47-63Hz			
AC CURRENT		8.0A/230VAC			
INRUSH CURRENT		COLD START < 60A/230VAC			
LEAKAGE CURRENT		<3.5mA/240VAC			
OVERLOAD PROTECTION		CURRENT LIMITING / DELAY SHUTDOWN			
OVER VOLTAGE PROTECTION		110%-135%			
OVER TEMP. PROTECTION		YES			
TEMP. COEFFICIENT		±0.04% / °C (0-50°C)			
SETUP, RISE, HOLD UP TIME		800ms, 50ms, 16ms			
VIBRATION		10-200Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES			
WITHSTAND VOLTAGE		I/P-O/P:1500VAC, I/P-FG:1500VAC FOR 1min.			
ISOLATION RESISTANCE		I/P-O/P, I/P-FG, O/P-FG > 100M Ohms			
WORKING TEMP., HUMIDITY		-10°C~+50°C @ 100%LOAD, +65°C @ 50%LOAD, 20%-90% RH			
STORAGE TEMP., HUMIDITY		-20°C~+85°C, 10%-95% RH			
DIMENSION		291*132*68mm (L*W*H)			
WEIGHT; Q'TY/CARTON		2.6Kgs			
SAFETY STANDARDS		DESIGN TO MEET UL 1950, CSA22.2, EN60950			
EMC STANDARDS		DESIGN TO MEET FCC PART 15			
SPECIAL FUNCTION		DC VOLTAGE ADJ., REMOTE SENSING, REMOTE CONTROL, PARALLEL OPERATION (REFER TO TERMINAL INSTRUCTION MANUAL)			

NOTE : 1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2.TOLERANCE INCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
5.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

2002-01-22

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