



# 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 REMOTESENSE / CONTROL
- .1 YEAR WARRANTY



MODEL	SCN-800-12	SCN-800-15	SCN-800-24	SCN-800-48
SPECIFICATION				
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			
EFFICIENCY	80%	81%	85%	87%
DC VOLTAGE ADJ.	±5% TYPICAL			
INPUT VOLTAGE RANGE	180-260VAC 47-63Hz			
AC CURRENT	7.3A/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	-----			
TEMP. COEFFICIENT	±0.04% / °C (0~50°C)			
SETUP, RISE, HOLD UP TIME	500ms, 50ms, 16ms			
VIBRATION	10~200Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES			
WITHSTAND VOLTAGE	I/P-O/P:1250VAC, I/P-FG:1250VAC 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; QTY/CARTON	2.6Kgs			
SAFETY STANDARDS	-----			
EMC STANDARDS	-----			
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 GINCLUDE 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.