



MEAN WELL

SWITCHING POWER SUPPLY
ISO-9001 CERTIFIED MANUFACTURER

SCN-1K5 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-1K5-12	SCN-1K5-15	SCN-1K5-24	SCN-1K5-48
SPECIFICATION				
DC OUTPUT VOLTAGE	12V	15V	24V	48V
OUTPUT V. TOLERANCE	±1%	±1%	±1%	±1%
OUTPUT RATED CURRENT	125A	100A	62.5A	32A
OUTPUT CURRENT RANGE	0-125A	0-100A	0-62.5A	0-32A
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	1500W			1536W
EFFICIENCY	83%	84%	85%	87%
DC VOLTAGE ADJ.	±5% TYPICAL			
INPUT VOLTAGE RANGE	180-260VAC, 1 X 3WIRE, 47-63Hz			
AC CURRENT	12A/230VAC			
INRUSH CURRENT	COLD START < 120A/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, O/P-FG > 100M Ohms			
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*132mm (L*W*H)			
WEIGHT; QTY/CARTON	4.5Kgs			
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.