



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SCN-2K0 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



MODEL	SCN-2K0-05	SCN-2K0-12	SCN-2K0-15	SCN-2K0-24	SCN-2K0-48
SPECIFICATION					
DC OUTPUT VOLTAGE	5V	12V	15V	24V	48V
OUTPUT V. TOLERANCE	±3%	±2%	±2%	±1%	±1%
OUTPUT RATED CURRENT	250A	167A	134A	83.5A	42A
OUTPUT CURRENT RANGE	0-250A	0-167A	0-134A	0-83.5A	0-42A
RIPPLE & NOISE	150mVp-p	240mVp-p	300mVp-p	240mVp-p	480mVp-p
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±1.5%	±1.5%	±1.5%	±1.0%	±1.0%
DC OUTPUT POWER	1250W	2000W	2000W	2000W	2000W
EFFICIENCY	78%	84%	84%	85%	86%
DC VOLTAGE ADJ.	±5% TYPICAL				
INPUT VOLTAGE RANGE	200~260VAC, 3ϕ 3WIRE, 47~63Hz				
AC CURRENT	9.5A/230VAC				
INRUSH CURRENT	COLD START < 120A/230VAC				
LEAKAGE CURRENT	<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	350*212*135mm (L*W*H)				
WEIGHT; Q'TY/CARTON	9Kgs				
SAFETY STANDARDS	DESIGN TO MEET UL1950, 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.

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