



# 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 REMOTESENSE / CONTROL
- .1 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%
DC OUTPUT POWER	1250W	2000W			
EFFICIENCY	78%	84%	84%	85%	86%
DC VOLTAGE ADJ.	±5% TYPICAL				
INPUT VOLTAGE RANGE	180-260VAC, 3 X 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	-----				
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	350*212*135mm (L*W*H)				
WEIGHT; QTY/CARTON	9Kgs				
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.