



MEAN WELL

SWITCHING POWER SUPPLY

ISO-9001 CERTIFIED MANUFACTURER

SCN-600 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-600-3.3	SCN-600-05	SCN-600-12	SCN-600-15	SCN-600-24	SCN-600-48
SPECIFICATION						
DC OUTPUT VOLTAGE	3.3V	5V	12V	15V	24V	48V
OUTPUT V. TOLERANCE	±2%	±2%	±1%	±1%	±1%	±1%
OUTPUT RATED CURRENT	100A	100A	50A	40A	25A	12.5A
OUTPUT CURRENT RANGE	0-100A	0-100A	0-50A	0-40A	0-25A	0-12.5A
RIPPLE & NOISE	66mVp-p	100mVp-p	120mVp-p	150mVp-p	240mVp-p	480mVp-p
LINE REGULATION	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
LOAD REGULATION	±2%	±2%	±1%	±1%	±1%	±1%
DC OUTPUT POWER	330W	500W	600W			
EFFICIENCY	70%	77%	80%	81%	85%	87%
DC VOLTAGE ADJ.	±5% TYPICAL					
INPUT VOLTAGE RANGE	90-130VAC / 180-260VAC SELECTED BY SWITCH 47-63Hz					
AC CURRENT	11A/115VAC 5.5A/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; Q'TY/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 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.