

FEATURES

AC input range selectable by switch
 High reliability and low ripple noise
 Built-in remote sense function
 Built-in remote ON/OFF control
 Programmable output voltage
 Forced current sharing at parallel operation
 Output short circuit / over voltage / overload / over temperature protections
 UL1950, CSA22.2 approved

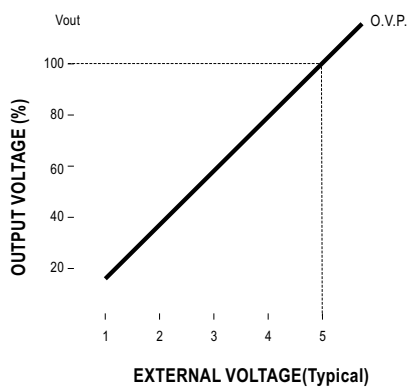


	MODEL No.	SCN600-05	SCN600-12	SCN600-15	SCN600-24	SCN600-48
OUTPUT	DC VOLTAGE	5V	12V	15V	24V	48V
	RATED CURRENT	100A	50A	40A	25A	12A
	RATED POWER	500W	600W	600W	600W	576W
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	150mVp-p	240mVp-p	480mVp-p
	VOLTAGE ADJ. RANGE	± 5.0% typical adjustment by potentiometer; 20% ~ 100% adjustment by 1 ~ 5VDC external control				
	LINE & LOAD REGULATION	Less than 1%				
	SETUP, RISE, HOLD TIME	800ms, 50ms, 16ms at full load				
INPUT	VOLTAGE RANGE	90 ~ 130VAC / 180 ~ 260VAC, selected by switch				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY (Typ.)	77%	80%	81%	85%	87%
	INRUSH CURRENT (Typ.)	60A / 230VAC				
PROTECTION	LEAKAGE CURRENT (max.)	< 3.5mA / 240VAC				
	OVER LOAD	105 ~ 115% rated output power (Current limiting, delay shut down output voltage, re-power on to recover)				
	OVER VOLTAGE	110 ~ 135% follow to output set up point (Shut down output voltage, re-power on to recover)				
	OVER TEMPERATURE	> 100°C / measure by heat sink, near transformer (Shut down output voltage, re-power on to recover)				
ENVIRONMENT	WORKING TEMP. & HUMIDITY	-10 ~ +50°C; 20% ~ 90% RH non-condensing				
	STORAGE TEMP. & HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH				
	TEMP. COEFFICIENT	± 0.04% / °C (0 ~ 50°C)				
SAFETY & EMC	SAFETY STANDARDS	UL1950, IEC60950 Approved				
	WITHSTAND VOLTAGE	I/P ~ O/P, I/P ~ FG:1.5KVAC				
	ISOLATION RESISTANCE	I/P~O/P, I/P~FG, O/P~FG:100M Ohms / 500VDC				
	EMI CONDUCTION & RADIATION	Compliance to FCC part 15 class A				
	HARMONIC CURRENT	-----				
	EMS IMMUNITY	-----				
OTHERS	SPECIAL FUNCTION	DC voltage Adj., Remote sensing, Remote control, Parallel operation				
	MTBF	120K hrs min. MIL-HDBK-217F(25°C)				
	DIMENSION	290 x 130 x 68mm (L x W x H)				
	PACKING	2.3kgs; 8sets / 22kgs / CARTON				

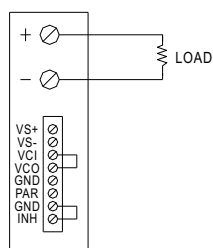


SCN600 series

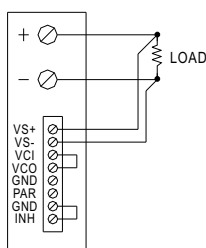
Unit:mm



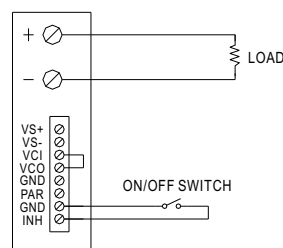
Control terminal instruction manual



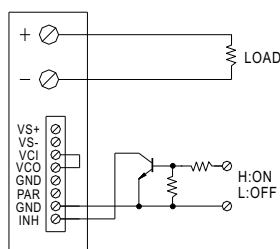
USING INTERNAL VOLTAGE CONTROL



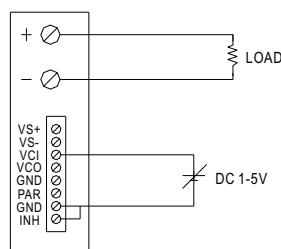
REMOTE SENSING



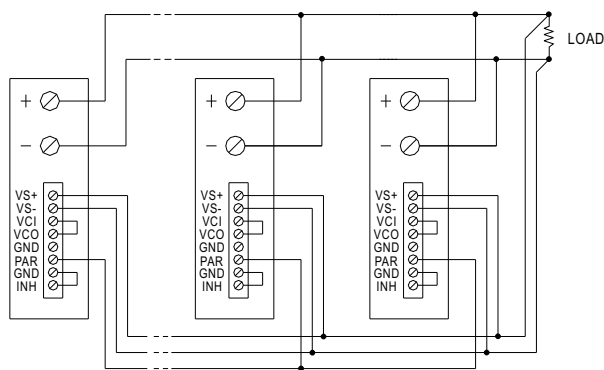
ON/OFF CONTROL BY SWITCH



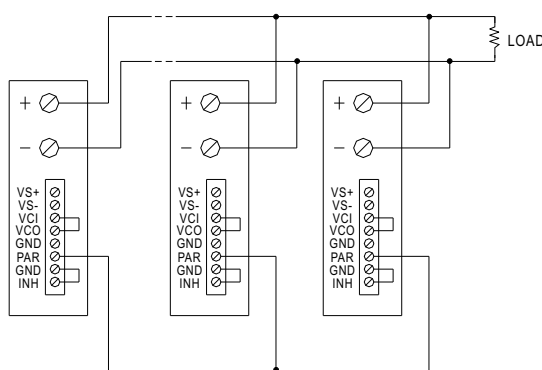
ON/OFF CONTROL BY TRANSISTOR



OUTPUT VOLTAGE ADJUST WITH DC 1-5V



PARALLEL OPERATION WITH REMOTE SENSING



PARALLEL OPERATION