

FEATURES

- 0.98 typical of power factor
- High reliability and low ripple noise
- Built-in remote sense function
- Built-in remote ON/OFF control
- Built-in power good signal output
- Programmable output voltage
- Forced current sharing at parallel operation
- Output short circuit / over voltage / overload / over temperature protections
- CB, CE, UL, TUV approved



	MODEL No.	600S-P005	600S-P009	600S-P012	600S-P015	600S-P018	600S-P024	600S-P036	600S-P048	600S-P060	
OUTPUT	DC VOLTAGE	5V	9V	12V	15V	18V	24V	36V	48V	60V	
	RATED CURRENT	100A	66A	50A	40A	33.3A	25A	16.6A	12A	10A	
	RATED POWER	500W	594W	600W	600W	600W	600W	598W	576W	600W	
	RIPPLE & NOISE(max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	180mVp-p	240mVp-p	360mVp-p	480mVp-p	600mVp-p	
	VOLTAGE ADJ. RANGE	+3.0% ~ -12% typical adjustment by potentiometer; 20% ~ 100% adjustment by 1 ~ 5VDC external control									
	LINE & LOAD REGULATION	Less than 1%									
	SETUP, RISE, HOLD TIME	500ms, 250ms, 12ms at full load									
INPUT	VOLTAGE RANGE	180 ~ 260VAC, 260 ~ 370VDC									
	FREQUENCY RANGE	47 ~ 63Hz									
	POWER FACTOR (Typ.)	0.95 / 230 VAC									
	EFFICIENCY (Typ.)	80%	82%	84%	85%	86%	89%	89%	90%	90%	
	AC CURRENT (Typ.)	3.5A / 230VDC									
	INRUSH CURRENT (Typ.)	60A / 230VAC									
	LEAKAGE CURRENT (max.)	< 3.5mA / 240VAC									
PROTECTION	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, recovers automatically after temperature goes down)									
ENVIRONMENT	WORKING TEMP. & HUMIDITY	0 ~ +50°C @100% Load, +65°C @50% Load; 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, TUV EN60950-1 Approved									
	WITHSTAND VOLTAGE	I/P ~ O/P:3KVAC; I/P ~ FG:1.5KVAC; O/P ~ FG:0.5KVAC									
	ISOLATION RESISTANCE	I/P~O/P, I/P~FG, O/P~FG:100M Ohms / 500VDC									
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) class A									
	HARMONIC CURRENT	Compliance to EN61000-3-2,3									
	EMS IMMUNITY	Compliance to EN55024									
OTHERS	POWER GOOD SIGNAL	Open collector NPN transistor									
	SPECIAL FUNCTION	DC voltage Adj., Remote sensing, Remote control, Parallel operation									
	COOLING	Power rating and temperature controlled cooling fan									
	MTBF	74.9K hrs min. MIL-HDBK-217F(25°C)									
	DIMENSION	290 x 120 x 68mm (L x W x H)									
	PACKING	2.3kgs; 8sets / 20kgs / CARTON									

*Note: The specifications are subject to change without notice.