

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



	MODEL No.	600U-P006	600U-P009	600U-P012	600U-P015	600U-P018	600U-P024	600U-P030	600U-P036	600U-P048	600U-P060	
OUTPUT	DC VOLTAGE	5V	9V	12V	15V	18V	24V	30V	36V	48V	60V	
	RATED CURRENT	80A	66A	50A	40A	33A	25A	20A	16A	12A	10A	
	RATED POWER	400W	594W	600W	600W	594W	600W	600W	600W	576W	576W	600W
	RIPPLE & NOISE (max.)	150mVp-p	150mVp-p	150mVp-p	150mVp-p	180mVp-p	240mVp-p	300mVp-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 / 230VAC										
	EFFICIENCY (Typ.)	78%	83%	84%	85%	85%	88%	88%	88%	88%	89%	90%
	AC CURRENT (Typ.)	3.5A / 230 VDC										
	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	Meet UL1950, TUV EN60950-1										
	WITHSTAND VOLTAGE	I/P ~ O/P:3KVAC; 1/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	Meet EN55022 class A										
	HARMONIC CURRENT	Meet EN61000-3-2,3										
	EMS IMMUNITY	Meet EN55024										
	POWER GOOD SIGNAL	Open Drain of N MOSFET										
OTHERS	SPECIAL FUNCTION	DC voltage Adj., Remote sensing, Remote control, Parallel operation										
	COOLING	Power rating and temperature controlled cooling fan										
	DIMENSION	284 x 105 x 63mm (L x W x H)										
	PACKING	2.0kgs; 8set / 18kgs / CARTON										