

Project :

Date :

Cat. No. :

Type :

Notes :

Volts :

## Class II power supply constant voltage 10 watts in 12V or 24V



Model No.		NTPSU12V-10W	NTPSU24V-10W
Input	Voltage & Frequency Range	100-240VAC; 50Hz / 60Hz	
	AC Current (Max.)	0.2A at 115Vac/ 0.12A at 230Vac	
	Power Factor	> 0.45 at 115Vac/ > 0.38 at 230Vac with full load	
	Inrush Current (Max.)	< 27A/ 240VAC	< 19A/ 240VAC
	Leakage Current	< 1mA/ 240Vac	
Output	DC Voltage Range	12±1V	24±1.2V
	Constant Current Range	830mA max	410mA max
	Rated Max. Power	10W	10W
	Ripple & Noise(Max.) note.2	2.5Vp-p	2Vp-p
	Efficiency note.1	74%	80%
Protections	Over Current	110% - 120% Constant current limiting, auto-recovery	
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed	
Environment	Working Temp.	- 10°C ~ 40°C ambient operating at full load	
	Working Humidity	20% ~ 90% RH non-condensing	
	Storage Temp., Humidity	-20 ~ +80°C, 10% ~ 90% RH	
Safety & EMC	Safety Standards	meet EN61347-1, EN61347-2-13, UL1310	
	EMC Standards note.3	meet EN55015, EN61000-4-2,3,4,5,6,8,11, EN61547, FCC PART15 CLASS B	
	Withstand Voltage	IP - O/P: 3.75KVAC	
	Isolation Resistance	IP-O/P: 100M ohms / 500VDC at 25°C	
Connection	Input	UL rated, 20AWGx 2C(150mm)	
	Output	UL rated, 20AWGx 2C(150mm)	
Others	MTBF	100K hours min. @Ta=25°C	
	Dimension(L*W*H)	65 * 35 * 23mm	
	Packing(L*W*H)/Carton	320 * 220 * 240mm; 100pcs/ 9.0Kg	
Note	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature. 2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor.		

### ◆ Mechanical Dimensions (mm)

