



Features:

- Universal AC input/Full range
- Protections:Short circuit/Over load/Over voltage
- Cooling by free air convection
- 100% full load burn-in test
- 2 years warranty

511 us CB(€

MODEL		NED-50A		NED-50B		
	OUTPUT NUMBER	CH1	CH2	CH1	CH2	
ОИТРИТ	DC VOLTAGE	5V	12V	5V	24V	
	RATED CURRENT	6A	2A	4A	1.4A	
	CURRENT RANGE Note.6	1 ~ 6A	0.3 ~ 3A	1 ~ 6A	0.2 ~ 2A	
	RATED POWER	54W		53.6W		
	RIPPLE & NOISE (max.) Note.2	80mVp-p	120mVp-p	80mVp-p	200mVp-p	
	VOLTAGE ADJ. RANGE	CH1: 4.75 ~ 5.5V		CH1: 4.75 ~ 5.5V		
	VOLTAGE TOLERANCE Note.3	±2.0%	±6.0%	±2.0%	±6.0%	
	LINE REGULATION Note.4	±0.5%	±1.0%	±0.5%	±1.0%	
	LOAD REGULATION Note.5	±1.5%	±3.0%	±1.5%	±3.0%	
	SETUP, RISE TIME	500ms, 30ms/230VAC 12	00ms, 30ms/115VAC at full lo			
	HOLD TIME (Typ.)	50ms/230VAC 10ms/115VAC at full load				
INPUT	VOLTAGE RANGE	85 ~ 264VAC 120 ~ 370VDC				
	FREQUENCY RANGE	47 ~ 63Hz				
	EFFICIENCY(Typ.)	79%		82%	%	
	AC CURRENT (Typ.)	1.1A/115VAC 0.65A/230VAC				
	INRUSH CURRENT (Typ.)	COLD START 45A				
	LEAKAGE CURRENT	<2mA/240VAC				
PROTECTION		110 ~ 150% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed				
	OVER LOAD					
		CH1: 5.75 ~ 6.75V				
	OVER VOLTAGE	Protection type : Shut down o/p voltage, re-power on to recover				
ENVIRONMENT	WORKING TEMP.	-20 ~ +60°C (Refer to output load derating curve)				
	WORKING HUMIDITY	20 ~ 90% RH non-condensing				
	STORAGE TEMP., HUMIDITY	-40 ~ +85℃, 10 ~ 95% RH				
	TEMP. COEFFICIENT	±0.03%/°C (0~45°C)				
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes				
	SAFETY STANDARDS	UL60950-1, CB(IEC60950-1) Approved				
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC				
SAFETY &	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC				
EMC	EMI CONDUCTION & RADIATION					
(Note 6)	HARMONIC CURRENT	Compliance to EN61000-3-2,-3				
	EMS IMMUNITY	Compliance to EN61000-4-2, 3, 4, 5, 6, 8,11, ENV50204, EN55024, EN61000-6-1 Light industry level, criteria A				
OTHERS	MTBF	413.3K hrs min. MIL-HDBK-217F (25℃)				
	DIMENSION	129*98*38mm (L*W*H)				
	PACKING	0.44Kg; 45pcs/21Kg/1.24CUFT				
NOTE	Ripple & noise are measure Tolerance : includes set up Line regulation is measured Load regulation is measured Each output can work within	ally mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. ed at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. tolerance, line regulation and load regulation. d from low line to high line at rated load. d from 20% to 100% rated load, and other output at 60% rated load. in current range. But total output power can't exceed rated output power. dered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets				



