



Features:

- 3 pole AC inlet IEC320-C14
- Class I power (with earth pin)
- Protections: Short circuit/ Over load/ Over voltage/ Over temp.
- Fix switching frequency and regulation
- LED indicator for power on
- Fully enclosed plastic case
- Topology: Top switch circuit
- Approvals: UL/ CUL/ TUV/ CB/ CE
- 1 year warranty



SPECIFICATIONS

OUTPUT	DC VOLTAGE	Note 2.	5V	12V	-12V
	RATED CURRENT		2.5A	0.8A	0.3A
	CURRENT RANGE		0.5 ~ 2.5A	0.1 ~ 0.8A	0.1 ~ 0.3A
	RATED POWER		25W		
	RIPPLE&NOISE (max)	Note 3.	50mV _{p-p}	100mV _{p-p}	100mV _{p-p}
	VOLTAGE ADJ. RANGE		Fixed		
	VOLTAGE TOLERANCE	Note 4.	± 5.0%	± 5.0%	± 3.0%
	LINE REGULATION	Note 5.	± 1.0%	± 1.0%	± 1.0%
	LOAD REGULATION	Note 6.	± 4.0%	± 4.0%	± 2.0%
SETUP, RISE, HOLD TIME	200ms, 50ms, 16ms at full load				
INPUT	VOLTAGE RANGE	90 ÷ 264VAC			
	FREQUENCY RANGE	47 ÷ 63 Hz			
	EFFICIENCY (Typical)	72%			
	AC CURRENT	0.8A / 100VAC			
	INRUSH CURRENT (max.)	60A / 230VAC			
	LEAKAGE CURRENT (max.)	0.75 mA / 240 VAC			
PROTECTION	OVERLOAD	150 ÷ 250% rated output power Protection type: Hiccup mode, recovers automatically after fault condition is removed			
	OVER VOLTAGE	110 ÷ 140% rated output voltage Protection type: Shut down o /p voltage, re-power on to recover			
ENVIRONMENT	WORKING TEMP.	0 ÷ +40°C (Refer to output load derating curve)			
	WORKING HUMIDITY	20% ÷ 90% RH non-condensing			
	STORAGE TEMP., HUMIDITY	-20 ÷ +85°C, 10 ÷ 95% RH			
	TEMP. COEFFICIENT	± 0.03 %/°C (0 ÷ 50°C)			
	VIBRATION	10 ÷ 500 Hz, 2G 10min./1cycle, period for 60 min. each along X, Y, Z axes			
SAFETY & EMC (Note 7.)	SAFETY STANDARDS	UL1950, CSA22.2, EN60950 Approved			
	WITHSTAND VOLTAGE	I/P – O/P; 3KVAC, I/P – FG : 1.5KVAC			
	ISOLATION RESISTANCE	I/P – O/P, I/P – FG : 100 MΩ / 500VDC			
	EMI CONDUCTION & RADIATION	Compliance to EN 55022 (CISPR22) class B			
	HARMONIC CURRENT	Compliance to EN61000 – 3 – 2,3 class A			
	EMS IMMUNITY	Compliance to EN61000 – 4 – 2,3,4,5,6,11, Light industry level, criteria A			
OTHERS	MTBF	520K hrs min. MIL – HDBK – 217F (25°C)			
	DIMENSION	108 x 67 x 36 mm (L x W x H)			
	PACKING	0.3 kg ; 54 pcs / 20kg / CARTON			
CONNECTOR	PLUG	KV50 : SOCKET , DIN STRAIGHT 5 WAY ; IEC 60130-9, IP 40			
	CABLE	LIYCY 5 x 0.50 mm ² , 2m length for stock			
NOTES	<ol style="list-style-type: none"> 1. All parameters are specified at 230VAC input, rated load, 25°C, 70% RH Ambient. 2. DC voltage: The output voltage set at point measure by plug terminal & 50% load. 3. Ripple & noise are measured at 20 MHz by using a 12" twisted pair terminated with a 0.1 μF & 47 μF capacitor. 4. Tolerance: includes set up tolerance, line regulation, and load regulation. 5. Load regulation is measured from low line to high line at rated load. 6. Load regulation is measured from 20% to 100% rated. 7. The power supply is considered a component which will be installed into final equipment. The final equipment must be re-confirmed that is still meets EMC directives. 				