

POWER INTER

PARAMETER	:	MODEL S - 5A12	
Output Power	:	60	Watt (MAX)
Efficiency (η)	:	85 to 90 %	of full load
Input Voltage (Auto Range)	:	110 to 250	V _{AC}
Input Frequency Range:		47 to 440	Hz
Output Voltage (I _o =3.75A)	:	12 V	$\pm 3 %$
Output Power (continuous)	:	45 Watt at	(3.75A)
Output Power (peak)	:	60 Watt (MAX)	(5A)
Line Regulation (110-250 V)	:	$\pm 0.5 %$	
Load Regulation(0 - 100 %)	:	12 V $\pm 3%$	of setting Voltage
Output Ripple Voltage	:	± 110 mV pk - pk (Max)	at Full load
Hold up Time	:	12V	10 ms (MIN)
Switching Frequency	:	100	KHz

Designed for World Wide Operation Reference

- EMI : Meets VDE B (VFG243B) CISPR 22 CLASS B
- Safety requirements : IEC 950 / UL1950

Hard Ware Protections (On Board)

- Out put short circuit protection
- Thermal shutdown protects entire power supply

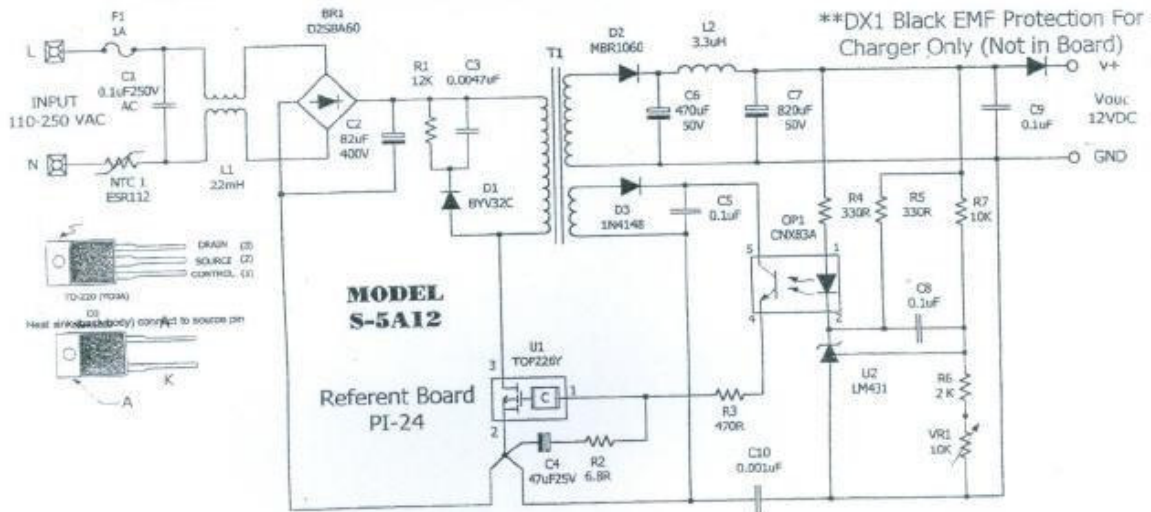


Fig. 1 Schematic Circuit Diagram

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