



samlexamerica®

# 30A

## Desktop Switching Power Supply

Model  
SEC-1235M  
30 Amps



### Design Features

- Advanced switch-mode technology
- Reliable power with minimum weight and size
- Circuit innovations minimize output voltage ripple and RFI
- Input voltage can be set at 120 VAC or 240 VAC
- UL listed to both USA & Canadian safety standards

**3 YEAR LIMITED WARRANTY**



MODEL NO.	SEC-1235M (With voltmeter and ammeter)
INPUT VOLTAGE (NOMINAL)	120 VAC, 60 Hz (100 VAC to 130 VAC) - factory present 230 VAC, 50 Hz (200 VAC to 260 VAC) - by internal settings
INPUT CURRENT	7.5 A at 120 VAC, 60 Hz / 3.5 A at 230 VAC 50 / 60 Hz
OUTPUT VOLTAGE	13.8 VDC
OUTPUT VOLTAGE ADJUSTMENT	11.5 VDC to 15.5 VDC with the help of internal potentiometer
OUTPUT CURRENT, CONTINUOUS	30 A
CURRENT LIMIT	35 A, constant current limiting, auto recovery
NO LOAD CURRENT DRAW	120 mA at 120 VAC
RIPPLE	50 mV peak to peak
NOISE	150 mV peak to peak
PEAK EFFICIENCY	85%
COOLING	Temperature controlled fan
OUTPUT INDICATIONS	Voltmeter and ammeter
PROTECTIONS	Overload, short circuit and over temperature
ENVIRONMENTAL TEMPERATURE RANGE	0 - 40°C
SAFETY CERTIFICATION	cUL <sub>USA</sub> , UL60950-1
EMI (EMISSIONS) COMPLIANCE	FCC Part 15 (B) for Class B devices
AC INPUT CONNECTIONS:	Male AC inlet connector Type "IEC 320-C14" Detachable AC power cord with: - Female connector Type "IEC 320-C13" on one end to mate with AC power inlet connector on the power supply - Male, 2 pole 3 Wire grounding (3 prong) plug Type "NEMA5-15P" on the other end for connection to the AC outlet
DC OUTPUT CONNECTIONS:	RED (+) and BLACK (-) terminals with tubular hole and set screw. Hole diameter 0.2", (5 mm). Includes a pair of copper terminal lugs for crimping to output wires to the load
INPUT SIDE FUSE: (5 mm x 20 mm, glass ferrule, delayed action)	For 120 VAC input: Rating - 250 V, 8 A, Manufacturer: Littelfuse, Model 218008 For 230 VAC input: Rating - 250 V, 4 A Manufacturer: Littelfuse, Model 218004
DIMENSIONS, MM (W x D x H)	185 x 212 x 61
DIMENSIONS, INCHES (W x D x H)	7.28 x 8.35 x 2.4
WEIGHT, KG	1.5
WEIGHT, LB	3.4

NOTE: Specifications are subject to change without notice

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