

## Desktop Switching Power Supply

Model  
SEC-1235  
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 230 VAC
- UL listed to both USA & Canadian safety standards

**3 YEAR LIMITED WARRANTY**



MODEL NO.	SEC-1235
<b>INPUT VOLTAGE (NOMINAL)</b>	120 VAC, 60 Hz (100 VAC to 130 VAC) - factory present 230 VAC, 50 Hz (200 VAC to 260 VAC) - by internal settings
<b>INPUT CURRENT</b>	7.5A at 120 VAC, 60 Hz; 3.5A at 230 VAC 50 / 60 Hz
<b>OUTPUT VOLTAGE</b>	13.8 VDC
<b>OUTPUT VOLTAGE ADJUSTMENT</b>	11.5 VDC to 15.5 VDC with the help of internal potentiometer
<b>OUTPUT CURRENT, CONTINUOUS</b>	30A
<b>CURRENT LIMIT</b>	35A, constant current limiting, auto recovery
<b>NO LOAD CURRENT DRAW</b>	120 mA at 120 VAC
<b>RIPPLE</b>	50 mV peak to peak
<b>NOISE</b>	150 mV peak to peak
<b>PEAK EFFICIENCY</b>	85%
<b>COOLING</b>	Temperature controlled fan
<b>PROTECTIONS</b>	Overload, short circuit, over temperature and over voltage (through PWM controller)
<b>ENVIRONMENTAL TEMPERATURE RANGE</b>	0°C - 40°C
<b>SAFETY CERTIFICATION</b>	cUL <sub>USA</sub> , UL60950-1, E179076
<b>EMI (EMISSIONS) COMPLIANCE</b>	FCC Part 15 (B) for Class B devices
<b>AC INPUT CONNECTIONS</b>	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.
<b>DC OUTPUT CONNECTIONS</b>	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
<b>INPUT SIDE FUSE</b> (5 mm x 20 mm, glass ferrule, delayed action)	For 120 VAC input: Rating 250V, 8A, Manufacturer: Littelfuse, Model 218008 For 230 VAC input: Rating - 250V, 4A Manufacturer: Littelfuse, Model 218004
<b>DIMENSIONS, MM (W x D x H)</b>	208 x 185 x 61
<b>DIMENSIONS, INCHES (W x D x H)</b>	8.19 x 7.28 x 2.40
<b>WEIGHT, KG</b>	1.5
<b>WEIGHT, LB</b>	3.4

NOTE: Specifications are subject to change without notice

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