



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

Applications

- Two way radio base stations
- Communications systems
- Security systems
- Test equipment
- Plotters
- GPS receivers
- Automotive & Marine displays
- DC computers
- 12 Volt lighting systems
- OEM applications

3 YEAR 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_{USA}, UL60950-1, E179076

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: For 120 VAC input: Rating - 250 V, 8 A, Manufacturer: Littelfuse, Model 218008
(5 mm x 20 mm, glass ferrule, delayed action) For 230 VAC input: Rating - 250 V, 4 A Manufacturer: Littelfuse, Model 218004

DIMENSIONS, MM (L x W x H) 213 x 185 x 64

DIMENSIONS, INCHES (L x W x H) 8.4 x 7.3 x 2.5

WEIGHT, KG 1.6

WEIGHT, LB 3.4

NOTE: Specifications are subject to change without notice