

Switch Mode Power Supplies SEC SERIES



FEATURES:

- Advance switchmode design
- Mouth in almost any location
- Compact and light weight
- Reverse polarity protection
- High efficiency
- Cycle by cycle current limiting circuit
- Over voltage protection
- Short circuit protection

APPLICATIONS:

- Two way radio base station
- Communication systems
- Security systems
- Test equipments
- Plotters
- GPS receivers
- Automotive and marine displays
- DC computers
- 12V lightning systems
- OEM applications

MODEL NO	SEC-1235M
NOMINAL INPUT VOLTAGE	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	7.5A at 120 VAC, 60 Hz; 3.5A at 230 VAC 50 / 60 Hz
OUTPUT VOLTAGE	13.8 VDC
OUTPUT VOLTAGE ADJ.	11.5 VDC to 15.5 VDC with the help of internal potentiometer
OUTPUT CURRENT CONTINUOUS	30A
CURRENT LIMIT	35A, 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	0°C - 40°C
SAFETY COMPLIANCE	CULUSA, UL60950-1, E179076
EMI 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 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 250V, 8A, Manufacturer: Littelfuse, Model 218008 For 230 VAC input: Rating - 250V, 4A Manufacturer: Littelfuse, Model 218004
DIMENSIONS,MM (LxWxH)	203 x 185 x 64
DIMENSIONS,INCHES (LxWxH)	8 x 7.3 x 2.5
WEIGHT,KG	1,6 kg
WEIGHT,LB	3,4 lb

