



## Automatic Switch Mode Battery Charger

Model  
SEC-1215UL  
15 Amps  
12 VDC

### Design Features

- Switch mode technology for high efficiency, lightweight and quiet operation
- Automatic operation for ALL Lead Acid Batteries: Flooded, AGM or Gel Cell
- Can charge 3 banks of batteries simultaneously, no isolator necessary
- Can be used as a power supply or DC UPS when used in conjunction with a battery
- User Configurable AC Input voltage 120 or 230 VAC, 50 / 60 Hz
- User Selectable ( by DIP Switch) for 2 or 3 stage, rapid and safe charging of stand-alone and loaded Lead Acid Batteries
- Ammeter & LED power status indicator
- Protections: Short circuit, overload, reverse battery polarity
- Convection cooled

**2 YEAR LIMITED WARRANTY**



MODEL NO.		SEC-1215UL
INPUT	NOMINAL INPUT VOLTAGE AND FREQUENCY	120 VAC, 50 / 60 Hz (Default) ; 230 VAC, 50 / 60Hz (Internal jumper setting)
	AC INPUT CURRENT	(i) At 120 VAC: 3.3A, (ii) At 230 VAC: 1.8A
	AC INPUT CONNECTION	Attached Power Cord: 6 ft length ; 3 x 18AWG wire size ; NEMA5-15P Plug
OUTPUT	CHARGING CURRENT	15A
	CHARGING STAGES	3 Stages (DIP Switch setting - Default): Bulk, Absorption and Float 2 Stages (DIP Switch setting): Bulk and Float
	CHARGING VOLTAGES	Absorption: 14.4 VDC (Default) ; 14.0 VDC (DIP Switch setting) ; Disable (DIP Switch setting) Float: 13.5 VDC
	NO. OF CHARGING BANKS OUTPUT CONNECTIONS	3 Tubular Hole with Set Screw ; Hole Diameter: 4 mm / 0.16 in
MONITORING	LED DISPLAY	Red LED: Output is available
	ANALOGUE METER	Ammeter: 0 to 15A
COOLING	TYPE OF COOLING	Convection cooled (No fan)
PROTECTIONS	OUTPUT SHORT CIRCUIT	No output voltage. Auto reset on removal of short
	INPUT OVERLOAD	4A input side fuse will blow ( <i>120 VAC input</i> )
	OUTPUT OVERLOAD	Electronic current limit at 15A
	REVERSE POLARITY ON OUTPUT SIDE	20A output side fuse will blow
FUSES	INTERNAL AC INPUT SIDE FUSE (120 VAC OPERATION)	4A, 250V; Size 5mm x 20mm; Time Delay Type Mfr.: Littelfuse 0218004 or equivalent
	INTERNAL AC INPUT SIDE FUSE (230 VAC OPERATION)	2A, 250V; Size 5mm x 20mm; Time Delay Type Mfr.: Littelfuse 0218002 or equivalent
	INTERNAL DC OUTPUT SIDE FUSE	32V, 20A; Automotive Blade Type; Fast Acting Mfr.: Littelfuse 0287020 or equivalent
ENVIRONMENT	OPERATING TEMPERATURE RANGE	-20°C to +40°C / -4°F to +104°F
	STORAGE TEMPERATURE	-30°C to +70°C / -22°F to +158°F
	RELATIVE HUMIDITY	Up to 90%, non condensing
	OPERATING CONDITIONS	Indoor, ventilated, cool and dust free
COMPLIANCE	SAFETY	Intertek-ETL Listed as follows: • Conforms to UL STD. 1564 • Certified to CSA STD. C22.2 No. 107.2
	EMI	FCC Part 15(B), Class B
DIMENSIONS	L x W x H	218 x 214 x 83 mm / 8.6 x 8.4 x 3.3 in
	WEIGHT	2.2 kg / 4.8 lbs

NOTES: 1. DC voltages are based on battery temperature of 86° F / 26.7°C  
2. Specifications are subject to change without notice

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