



## Automatic Switch Mode Battery Charger

Model  
SEC-1230UL  
30 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) Selectable 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
- Fan cooled based on output current
- Safety certified and listed to UL Standard UL-1564
- EMI Compliant to FCC Part 15(B), Class B

**2 YEAR WARRANTY**



<b>MODEL NO.</b>	<b>SEC-1230UL</b>
<b>NOMINAL INPUT VOLTAGE (PRE-SET)</b>	120 VAC, 60 Hz, 6.5A
<b>INTERNAL JUMPER CHANGE</b>	230 VAC, 50 Hz
<b>INPUT FREQUENCY</b>	50 / 60 Hz
<b>OUTPUT VOLTAGE, BOOST<sup>1,2</sup></b>	14 VDC, or 14.4 VDC or disabled
<b>OUTPUT VOLTAGE, FLOAT<sup>1</sup></b>	13.5 VDC
<b>OUTPUT AMPS</b>	30A
<b>OPERATING TEMPERATURE RANGE</b>	0 - 40°C / 32°F - 104°F
<b>WEIGHT, LB</b>	6.4
<b>WEIGHT, KG</b>	2.9
<b>DIMENSIONS (L x W x H), INCHES</b>	10.8 x 8.4 x 3.3
<b>DIMENSIONS (L x W x H), MM</b>	280 x 214 x 83
<b>PROTECTIONS</b>	Short Circuit, Over Current, Over Temperature, Reverse Battery Polarity
<b>OUTPUT BANKS</b>	3
<b>SAFETY COMPLIANCE</b>	i) Conforms to ANSI/UL STD 1564 ii) Certified to CAN/CSA STD C22.2 No. 107.2
<b>EMI COMPLIANCE</b>	FCC Part 15(B), Class B

1. Voltages based on battery temperature of 80°F / 26.6°C

2. Based on selection by DIP SWITCH

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