



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



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