

## 12V Battery Chargers

**MODEL: EC-320**

### 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 2 or 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 230 VAC, 50 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
- Convection cooled
- Safety certified and listed to UL Standard UL-1564
- EMI Compliant to FCC Part 15(B), Class B



MODEL NO.	EC-320
NOMINAL INPUT VOLTAGE(PRE-SET)	240 VAC, 50 Hz, 3.3A
INTERNAL JUMPER CHANGE	230 VAC, 50 Hz
INPUT FREQUENCY	50 / 60 Hz
OUTPUT VOLTAGE, BOOST <sup>1,2</sup>	14 VDC, or 14.4 VDC or disabled
OUTPUT VOLTAGE, FLOAT <sup>1</sup>	13.5 VDC
OUTPUT AMPS	20A
OPERATING TEMPERATURE RANGE	0 - 40°C / 32°F - 104°F
WEIGHT, LB	4.8
WEIGHT, KG	2.2
DIMENSIONS(LxWxH) INCHES	8.5 x 8.4 x 3.3
DIMENSIONS(LxWxH) MM	218 x 214 x 83
PROTECTIONS	Short Circuit, Overload, Reverse Battery Polarity
OUTPUT BANKS	2 or 3
SAFETY COMPLIANCE	i) Conforms to ANSI/UL STD 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

