



SAMLEX POWER PRODUCTS



SEC Series Battery Chargers

FEATURES

- Advanced switch-mode design*
- 3 stage charging voltage*
- Safe for Gel-cell batteries*
- Easy Mounting system*
- Maximum charging current of 15 Amps*
- Fully automatic operation*
- Light weight and compact*
- Reverse polarity connection protected*
- 12 Volt and 24 Volt models*
- 120 VAC or 240 VAC input*

APPLICATIONS

- Automotive*
- Recreational vehicles*
- Marine*
- Communications sites*
- Battery back-up systems*



45 Amps / 25 Amps

TECHNICAL SPECIFICATIONS

Model	SEC-1245A	SEC-2425A
Nominal Input Voltage (Pre-set)	120 VAC, 60 Hz	
Input Voltage Range	110 VAC to 125 VAC, 50 Hz	
Input Frequency	50 - 60 Hz	50 - 60 Hz
Output Voltage, VDC		
Absorption / Boost, U ₀ *	14 VDC, or 14.4 VDC, or Disabled	28 VDC, or 28.8 VDC, or Disabled
Float / Maintenance, U*	13.5 VDC	27.0 VDC
Maximum Charging Current		
Normal Operation	45 A	25 A
Mute Mode	16 - 18 A	8 - 10 A
Duration for Absorption	4 Hours or 8 Hours	
Boost Stage 2, U ₀		
Temperature Compensation	Yes, with sensor TF-500	
Wired Remote Panel (Optional)	Yes, with 900-RC	
Cooling	By fan	
Protections	Overload Short Circuit Reverse Polarity Thermal Overload	
Output Banks	2	2
Output connector	Tubular hole (dia 8 mm) with set screw	
Operating Temperature Range	0 - 40° C	0 - 40° C
Fuses		
AC input, 5 mmx20 mm Time Delay	250 V, 12 A	250 V, 12 A
DC output, Automotive Blade Type (Bussmann, "ATC")	32 V, 30 A (2 pieces)	32 V, 20 A (2 pieces)
Dimensions (L x W x H)	330 x 230 x 108 mm	330 x 230 x 108 mm
Weight	5 Kg	5 Kg

* The charging voltages shown are applicable at battery temperature of 80° F

Technical Specifications subject to change without notification.