



# SOUND ASSOCIATES, INC.

## BATTERY SMART CHARGER

- SA1910 (10 POSITION)
- SA1920 (20 POSITION)
- SA1950 (50 POSITION)

The Sound Associates SA1900 series Smart Chargers take the next step in the evolution of infrared system battery chargers. Each charging position has a multi-color LED indicator light that lights when a battery is properly inserted. Red indicates uncharged. As the battery continues its trickle charge the LED will change to yellow, then finally green when it is fully charged. This exciting feature virtually eliminates distribution of insufficiently charged or non-functioning batteries.

Available in three sizes, the commercial-grade chassis is made of brushed aluminum to ensure years of continued use and can recharge up to 50 SA505 (NiMH) batteries.

Each charger includes one (1) SA1900-6 6 VDC power supply which can be plugged into any 120 VAC outlet.



SA1950 Smart Charger  
SA505 Rechargeable batteries not included.

### Technical Specification:

	SA1910	SA1920	SA1950
No. of charging positions	10	20	50
Dimensions	3.12" w x 8.0" h x 2.25" d	7.25" w x 8.0" h x 2.25" d	18.0" w x 8.0" h x 2.25" d
Weight	approx. 1.0 lb.	approx. 1.5 lbs.	approx. 3.0 lbs

Indication: Bi-color LED: Red: fully discharged/charging; Yellow: 30-80% discharged/charging; Green: fully charged/trickle charge  
 Charging time: approx. 14 hours  
 Input voltage: 6 VDC

### SA1900-6 Power Supply

Input voltage: 120 VAC 60 Hz  
 Output rating: 6 VDC, 1000 mA  
 Pin out: Center positive, ring negative  
 Dimensions: 2.25" w x 3.38" h x 2" d



SA1910 Smart Charger  
SA505 Rechargeable batteries not included.

### Warranty

The SA1910, SA1920 and SA1950 smart chargers are covered by a full one-year warranty, from the original date of purchase, against defects in workmanship or materials. If any component fails due to defects in craftsmanship or materials, we will repair or replace the component without charge. The factory warranty does not cover malfunctions due to abuse or operation other than specified.



SA1920 Smart Charger  
SA505 Rechargeable batteries not included.