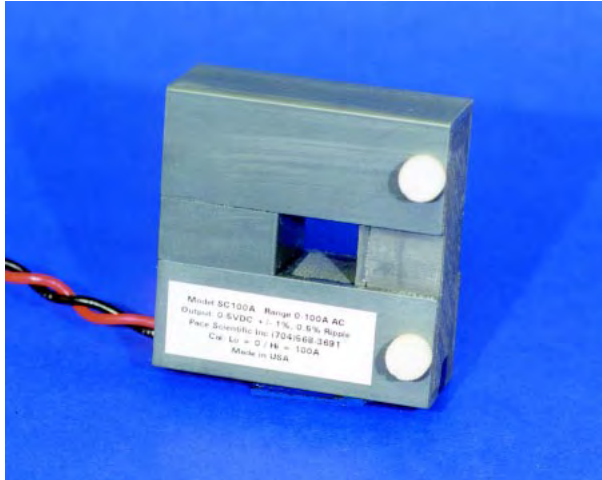


# Pocket Logger™ Accessories

## AC Current Sensors

- Connect to any Pocket Logger input
- Monitor motors, pumps, or any AC load
- Wide range - Usable below 1% of full scale
- Split Core design - easy to install
- No exposed metal parts
- Self powered



<b>Input Current:</b>	AC current, single phase 50/60Hz, load power factor 0.5 to 1.0 lead or lag.
<b>Accuracy:</b>	±2.0% of reading from 2.5% to 100% of full scale. ±4.0% of reading at 1.0% of full scale.
<b>Bandwidth:</b>	10 - 1000Hz (within ±3db)
<b>Temperature effect:</b>	±0.05% from -20 to 85°C (-4 to 185°F).
<b>Response Time:</b>	250 ms. (input from 10% to 90% of F. S.)
<b>Ripple:</b>	0.5%
<b>Voltage Rating:</b>	600 VAC. Tested with full wave 10 kV impulse for 60 seconds.
<b>Overload:</b>	1.6x full scale (continuous).
<b>Surge:</b>	3x full scale.
<b>Lead Wires:</b>	8 ft twisted Black / Red per UL1015.
<b>Size:</b>	1.25" overall width. Additional dimensions below.

Part No.	Range	Window	Length	Depth
SC100A	0-100 amp ac	0.5" square	2.6"	2.5"
SC200A	0-200 amp ac	1.0" square	3.0"	2.9"
SC500A	0-500 amp ac	2.0" square	4.0"	3.9"
SC1500A	0-1500 amp ac	2.5" square	4.8"	4.7"

## AC Voltage Sensors

- Connect to any Pocket Logger input
- Use SV300 model for 24 / 120/ 240 vac circuits
- Use SV600 model for 120 / 240 / 480 vac circuits
- Rugged DIN mount case
- Self-powered



<b>AC Voltage range:</b>	0-300, 0-600
<b>Frequency Range:</b>	48 to 65Hz
<b>Voltage Overload:</b>	Full scale rating
<b>Response:</b>	400 milliseconds
<b>Accuracy @ 60Hz:</b>	±1.0% of F.S. (Includes effects of linearity from 10% to 100% F.S.)
<b>Temperature effect:</b>	(-20°C to 65°C): ±1.0%
<b>Weight:</b>	SV300: 4 oz., SV600: 10 oz.
<b>Dielectric Test</b>	(input/output): 1500 VAC
<b>Burden:</b>	2.0 VA
<b>Size:</b>	1.5"H x 3.5"W x 2"D
	<i>External potential transformer included with SV600;</i>
	<i>External transformer size: 1.6"H x 2.8"W x 1.5"D.</i>

<b>Part No:</b>	SV300 (0-300 VAC)
	SV600 (0-600 VAC)

*IMPORTANT - AC Voltage Sensors must be mounted and wired in a box, panel or suitable enclosure.*