

## Eight Channel AC Current & Voltage Data Logger

The SmartReader Plus 3 easily and accurately records AC current and voltage. The easy-to-use ACR CT's provide safe current readings by simply clamping them around the power leads. AC voltage is monitored by connecting ACR's AC voltage transducer to the 5V channels.

### Features

- 12 bit resolution
- 8 channels
- 10-year battery life
- Up to 1.5 KB memory
- User-configurable
- Accessible remotely by modem
- Network capable
- Up to 25 samples per second

### Product Specifications

**No. of Channels:** Eight. (One internal for ambient temperature, four for AC current for use with ACR current probes and three with 0-5 VDC inputs, which can be used with ACR AC voltage transducers to monitor 3 phase voltage.

**Current Ranges:**  
 With A60FL (60 Hz) and A65FL (50 Hz) current probes: 5, 25, 100, and 250 Amps.  
 With A70FL (60 Hz) and A75FL (50 Hz) current probes: 10, 50, 250 and 500 Amps.  
 Up to 3000 Amps with the ACR CT-50-2

**Nominal Voltage Ranges:** 120 V (1 phase, 60 HZ).  
 480 V (3 phase, 60 HZ).

**Accuracy**  
 Voltage Channels:  $\pm 0.5\%$  F.S.  
 Current Channels:  $\pm 3.5\%$  F.S. above 10% of range.

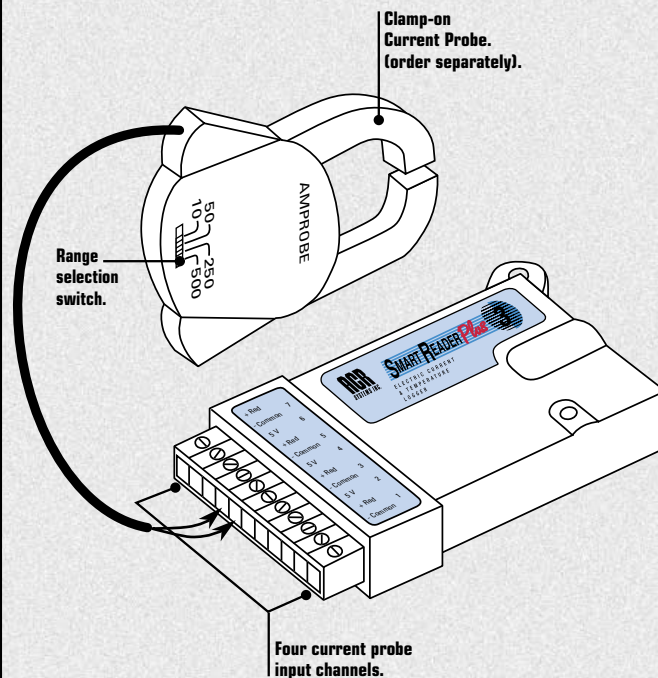
**Memory Size:** 32, 128 KB and 1.5 MB.

**Common Specifications:** See page 8.

**Software Specifications:** See page 9.

**Remote & Network Communications:** See page 34.

**Accessories:** ACR AC Current Probes.  
 ACR AC Voltage Transducers.  
 ACR CT-50-2 Current Transformer.



### Order Information

MODEL	MEMORY	CATALOG #
SRP-003	32 KB	01-0010
SRP-003-128K	128 KB	01-0114
SRP-003-1.5K	1.5 MB	01-0143