**Sunny Boy Control Plus**

- Monitors 1 Sunny Boy inverter
- Max. cable length is 49 feet (15m)
- Allows entire system to be monitored using the Sunny Data software
  - The logging of data requires that a PC is on and Sunny Data is running

**Features:**
- RS232-N Piggy-Back option installed in each Sunny Boy
- PC with Windows and serial interface
- RS485/RS232 interface converter
- PC with Windows and serial interface

**Hardware:**
- Sunny Boy Display (SBD) and window lid
- Field upgradeable
  - Recommended for units without a communication option installed
  - Displays may not be used with a communication option

**Example:**
- See RS232 Communication Tech Note
- RS485-N Piggy-Back option installed in each Sunny Boy
- PC with Windows and serial interface
- RS485/RS232 interface converter

**Notes on Communications**

- The 1800U and the 2500U support either an internal display unit (SBD) or a communication option. (Not both!)
- The SB700U and the SB100U are able to support both an internal display unit (SBD) and a communication option.
- 50 ft. lengths of RS485 and RS232 cable are available from SMA America.

**Display Options**

- Data gathered by the Sunny Boy Control or Sunny Boy Control Plus can be displayed on various types of external display devices ranging from the HVG or the Beta Bright, to large plasma screens.

**External Sensor Options**

- The Sunny Boy Control Plus provides the ability to collect, store and display data gathered from external devices such as thermometers, anemometers, and solar radiation sensors, etc.

**Communication Options**

- All of the Sunny Boy Control Plus products support a variety of communication types and methods ranging from RS232, RS485 and modem connections to wireless data links which are excellent for installations where cabling is difficult or not desired.