



Article number: 221 748
Description: Sunny Boy Control

Electrical wiring

Voltage operating range (U_{AC}): 110 - 240 V
Frequency range (f_{AC}): 50 - 60 Hz

Integrated interfaces

Inverter communication: RS485 (COM 1)
PC / modem / display: RS232 (COM 2)

Storage capacity

Max. no. inverters: 50
Max. no. device types: 10
Energy values per device: 1 year
Measuring channels: ≤ 250

Display: 4 x 16 characters

Operation: 4 buttons

Ambient temperature: $-25\text{ °C} \dots +55\text{ °C}$

Protection type IP 40

Fuse: Automatic overload protection
365 V / 90 mA

Size:

W x H x D: 234 x 127 x 66 mm

Weight:

Approx. 1.400 kg

Sunny Boy Control

Control device for PV installations with Sunny Boy inverters. The **Sunny Boy Control** can be used in smaller PV installations as well as systems in the MW range.

Operation:

- Remote maintenance of PV installation via PC
- Remote access to stored data (PC/fax)
- RS232 can also be used as interface for external display
- Data acquisition and storage
- Communication with the PC via RS232 interface or optional RS485 interface
- Communication with Sunny Boy inverter via integrated RS485 interface
- Configuration, data acquisition and optimising of up to 50 Sunny Boy and SMC inverters

Features

- Suitable for various installation sizes
- Improved reliability through use of separate data line
- RS485 supports transmission distances of up to 1200 m
- Easy to use
- High degree of flexibility
- Monitoring and remote diagnosis
- Innovative power management
- Low energy consumption
- Optional connection of a large display
- CE compliance