





Interface

Filter circuit board

Article number: **Description**:

221 745 Interface 232PB-NR

Contents:
May be used with:

Interface circuit board SMA inverters SB 700, SB 1100 SB 1700 SB

SB 1100, SB 1700, SB 2100TL, SB 2500, SB 2800i, SB 3000,

SB 3300, SB 3800

Possible line length:

Article number: Description:

231 053 Interface 232PB-MS-NR

Contents:

Interface circuit board Filter circuit board SMA inverters SB 3300TL,

For use with:

SB 3300TL HC, SB 4200TL HC, SB 5000TL, SB 5000TL HC

Possible line length:

232PB-MS-NR Up to 12 m

Article number: Description:

231 463 Interface

232PB-SMC-NR

Contents:

For use with:

Interface circuit board Filter circuit board SMA inverters SMC 5000, SMC 6000, SMC 6000TL,

SMC 7000TL, SMC 8000TL

Possible line length: 232PB-SMC-NR

Up to 12 m

## **Interface RS232**

This interface enables data to be transmitted between inverters and devices such as data loggers, PCs or displays via a separate data line.

If you are connecting just one Sunny Boy inverter with a PC or other device, they can be linked using the **RS 232 interface**. This type of data transmission is possible over distances of up to 12 metres.

The **232PB-NR interface** is suitable for types SB 700, SB 1100, SB 1700, SB 2100TL, SB 2500, SB 2800i, SB 3000, SB 3300, SB 3800.

The **232PB-MS-NR interface** is suitable for types SB 3300TL, SB 3300TL HC, SB 4200TL HC, SB 5000TL, SB 5000TL HC.

The **232PB-SMC-NR interface** is suitable for types SMC 5000, SMC 6000, SMC 6000TL, SMC 7000TL, SMC 8000TL.

If multiple Sunny Boy inverters (max. 50) are used, you are advised to use the **RS485 interface**. This will allow data line lengths of up to 1200 metres, without an intermediate repeater.

## **Features**

- Reliable operation over short distances
- Interface to most additional devices available as standard
- Independent of disturbances such as harmonics and reflections.