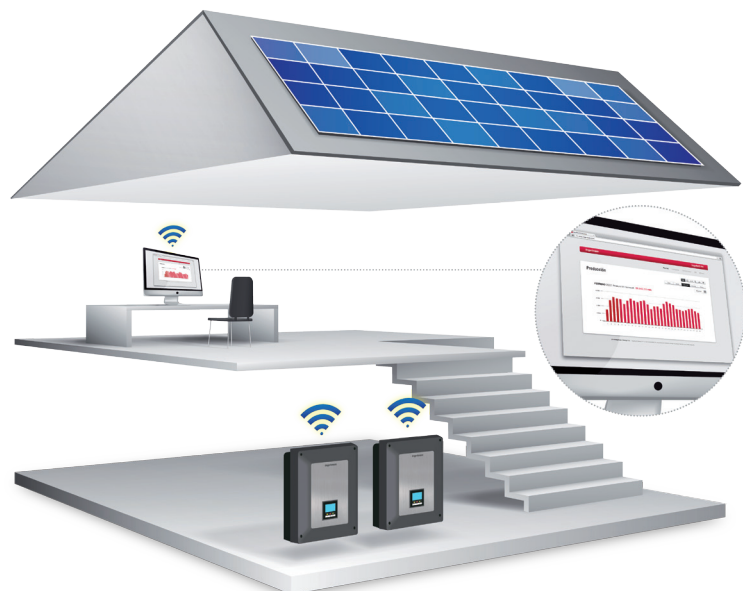


A RANGE OF PC-TO-INVERTER COMMUNICATION OPTIONS

A PC can be used to establish communications remotely with the PV inverters in order to control all the PV plant variables (inverter operating parameters and data log). This communication is made possible through a number of cards that can be incorporated into the inverter.

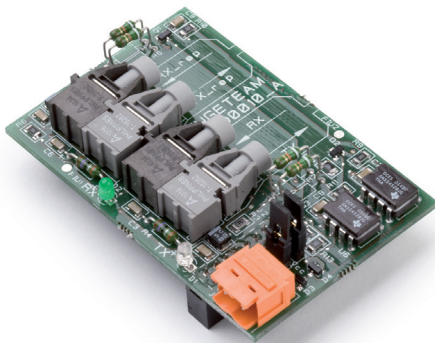
Specifically, the Bluetooth card offers the possibility of creating communication networks between several inverters, and also communications via Bluetooth with a PC located in the vicinity. Another possibility is to use Bluetooth to connect to the INGECON® SUN ComBox which can then remotely connect to a PC over the Internet. Repeater stations facilitate the connection via Bluetooth when there are obstacles such as walls or roofs.



ADVANTAGES OF THE BLUETOOTH COMMUNICATION

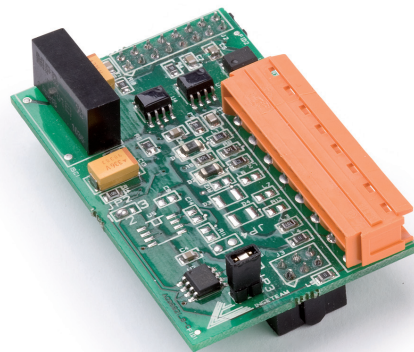
- Cost saving.
- Wireless communication.
- Easy to install. No need to chip into walls and then plaster over.





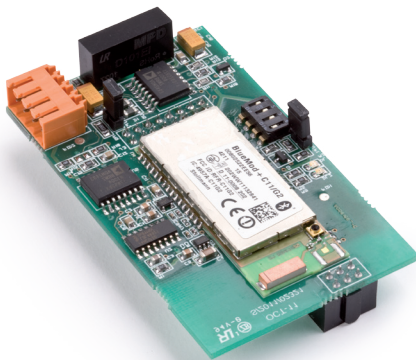
Fibre optics board

Immune to atmospheric conditions.



RS-485 card

Quick connector for easy inter-inverter connection.



Bluetooth card

To create a communication network between several inverters and a PC; or between several inverters the INGECON® SUN ComBox and a PC. It includes conversion to RS-485.



Ethernet card

For communicating with the inverters via Ethernet. It includes conversion to RS-485.



GSM/GPRS modem card

For remote communication with the inverters over the GSM/GPRS network. It includes conversion to RS-485.



Wireless card

For local wireless communication on the ISM 868 band.