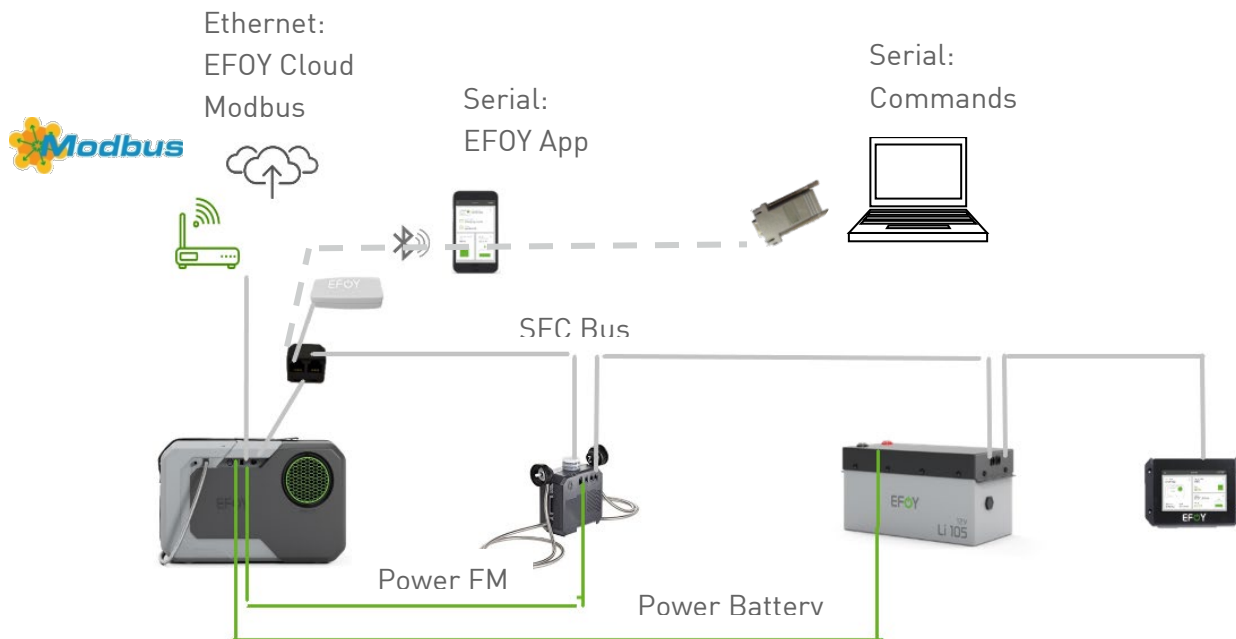
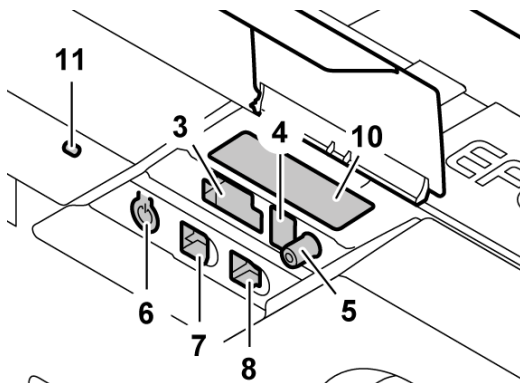


EFOY fuel cells

Data interfaces and communication protocols



Data Interfaces



7. RJ-45 connector : LAN / Ethernet

8. RJ-12 connector : SFC Bus

SFC Bus (8)

Pin	Description
1	RxD
2	TxD
3	GND,
4	Battery +
5	CAN Low
6	CAN High



SFC Bus

used for communication between EFOY fuel cell and EFOY accessories

SFC Bus **CANOpen** protocole (not public).

Use RJ-12 data cable for connection of the different accessories : EFOY Fuel Manager, EFOY Battery and EFOY Operating Panel OP3

Pin	Description
1	RxD
2	TxD
3	GND,
4	Battery +
5	CAN Low
6	CAN High



RS-232 Interface

- Serial communication

Format: clear text protocole. Detail list is available on request.

For connection to a computer, use SFC Interface Adapter (and USB Adapter) with RJ-12 / RJ 45 data cable

- EFOY Bluetooth Adapter BT2 . Bluetooth only available for using EFOY App

Ethernet (7)



EFOY Cloud

Using secure MQTT Protocole (not public)

For integration in external IoT system, use REST API (information available on request)

Modbus TCP

Opens unsecure port into the network.

With prior activation (RS-232 and Terminal) only.

List of Modbus registers available on request