

EQUINOX2 Accessories and Options

Range of optional and accessory devices for the entire **EQUINOX2** series



EQUINOX2: Accessories and Options

By means of the additional devices, **EQUINOX2** inverters can be monitored at all times and details obtained with regard to the energy generated, consumed, and - provided the installation has this functionality - exported to the mains. The accessories that are included with the equipment, along with the optional ones offered by SALICRU, cover a wide range of possibilities.

The devices are designed to enable the measurement and management of data and to transfer that data from the inverter to the cloud, so that it can subsequently be viewed and analysed using the **EQUINOX** app or the web portal.

Applications: Managing and monitoring the inverter

In conjunction with the monitoring platform, our devices offer the following features:

- Real-time data viewing
- Grouping of historical data (by day, month or year)
- Information on the financial savings achieved
- Total CO2 reduction achieved
- Level of self-consumption (i.e. the extent to which you make use of your solar installation)
- Level of self-sufficiency (i.e. the degree of your installation's independence from the mains)
- Alarm management
- Management of several installations simultaneously (special feature for installers)



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SOLUTIONS

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Communication modules | Energy meters

The 485/... EQX2 communication modules can be mounted in two ways:

- On the inverter: For three-phase and single-phase non-hybrid models, the **485/WIFI DIURNAL EQX2** antenna obtains data on generation, consumption and exportation while photovoltaic generation is taking place. For hybrid models, complete round-the-clock data is provided. Its IP65 protection rating allows for outdoor use.
- On a DIN rail on the AC board: The **485/WIFI EQX2** or **485/WIFI EQX2-T** in conjunction with an ESM energy meter (single-phase or three-phase, depending on the installation), makes it possible to obtain round-the-clock data on generation, exportation and consumption.

The **ESM... EQX** smart meters are network analysers that enable energy flow to be measured bidirectionally.

Designed for non-hybrid systems, they must be installed along with the DIN-rail communication module if you wish to obtain round-the-clock data via the **EQUINOX** app on the energy generated, consumed/exported to the mains, and consumed by the loads.

For installations with a single three-phase solar inverter, zero-export operation is permitted, as certified by the UNE217001 standard.



MODEL	CODE	EAN CODE	DESCRIPTION	DIMENSIONS (F x AN x AL mm)	TRANSFORMER DIMENSIONS (F x AN x AL mm)
485/WIFI DIURNAL EQX2	6B20P000020	8436584873907	Wi-Fi communication module. Installed directly in the inverter and provides data on generation while solar power generation is taking place.	30 x 51 x 155	-
90D24 EQX2	-	-	Single-phase 90 A transformer, internal diameter 24 mm, cabling (1.5 m)* plus connector, for measuring current.	-	43 x 43 x 52
485/WIFI EQX2	6B20P000014	8436584873754	Wi-Fi communication module. DIN-rail mounting on the AC board. 230 VAC single-phase supply. Provides round-the-clock data on generation, mains exportation/consumption and the installation's own consumption. An ESM1 EQX smart meter is required.	65 x 30 x 105	-
485/WIFI EQX2-T	6B20P000018	8436584873761	Wi-Fi communication module. DIN-rail mounting on the AC board. 230 VAC single-phase supply. Provides round-the-clock data on generation, mains exportation/consumption and the installation's own consumption. A smart meter is required, in accordance with the installation's current.	65 x 30 x 105	-
ESM1 EQX	6B20P000008	8436584871774	Single-phase smart meter (energy meter). Maximum 40 A and 10 mm ² cross-sectional cable area. Direct measurement without a transformer.	76 x 18 x 91	-
ESM1 90D24 EQX2	6B20P000019	8436584873747	Single-phase smart meter (energy meter). Includes 1 single-phase 90 A transformer, internal diameter 24 mm, cabling (2 m)* plus connector, for measuring current.	73 x 52 x 84	43 x 43 x 52
ESM3T 90D24 EQX2	6B20P000017	8436584873686	Three-phase smart meter (energy meter). Includes 3 90 A current transformers, internal diameter 24 mm, cabling (2 m)* plus connector, for measuring current.	73 x 52 x 84	43 x 43 x 52
ESM3T 300D50 EQX2	6B20P000016	8436584873679	Three-phase smart meter (energy meter). Includes 3 300 A current transformers, internal diameter 50 mm, cabling (2 m)* plus connector, for measuring current.	73 x 52 x 84	60 x 78 x 115

(*): The transformers can operate at distances of up to 60 metres, using an extension connected to the built-in cable.

MODEL	EQUINOX2 S/SX		EQUINOX2 T		EQUINOX2 HSX	EQUINOX2 HT
	G/C/V PV ⁽¹⁾	24 H	GEN. PV ⁽²⁾	24 H	24 H	24 H
485/WIFI DIURNAL EQX	✓	-	✓	-	✓	✓
90D24 EQX2	✓	-	-	-	-	-
485/WIFI EQX2	-	OP	-	-	-	-
485/WIFI EQX2-T	-	-	-	OP	-	-
ESM1 EQX	-	OP	-	-	-	-
ESM1 90D24 EQX2	-	-	-	-	✓	-
ESM3T 90D24 EQX2	-	-	-	OP	-	✓
ESM3T 300D50 EQX2	-	-	-	OP	-	OP

(OP): Optional / (✓): included / (-): non-usable

(1): Data on generation, consumption and mains exportation only while photovoltaic generation is taking place.

(2): Data on photovoltaic generation only.



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