

Solar powered separator alarm BAMOBX SOLAR (BBS)

- Autonomous complete system
- Field installation
- Solar panel powered and battery
- Pole clamp fitting or wall mounting
- Battery protection against Discharge and overload
- Solar panel own fitting support

- OPTIONS :

- FLASHING LIGHT: Short distance survey
- GSM: Large distance survey

CONCEPT

The housing cabinet BBS supplies energy through a solar panel to a system including an alarm unit NivOil CU/12.

APPLICATIONS

A complete system BBS will power an alarm unit NivOil CU/12 when no main power supply exists in the field.

The factory option FLASHING LIGHT is designed for a short distance survey, when operators are close enough from the light source. This solution avoids the cable length wiring to send alarm signals to a remote alarm unit NivOil.

The factory option GSM is for sending on large distances SMS messages for any alarming event.

PRINCIPLE

A BBS system includes 1 alarm unit NivOil CU/12 and a Solar panel to charge a dry battery, protected against excessive discharge or overload.

The working time without sunlight is about 12 days at any period of the year for a reliable monitoring even without sun shining days (*referring to Greenwich latitude*).

With the option FLASHING LIGHT, an alarm corresponds to an intermittent light emission of a Xenon bulb on the outside of the cabinet.

With the option GSM, the lightning alarm is replaced by a GSM module to send the alarm event information as far as the operator is located from the BBS. The message SMS sent indicates the BBS identification, the channel in alarm and pre recorded message.

MOUNTING

The BBS can fit on a pole or be mounted on a wall.

The solar panel is adjustable in any position acc. to sun light of the area.



BAMO MESURES

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DESCRIPTION

A complete system **BBS-STD**, as the standard version, includes:

- One wall mounting cabinet (300 x 380 x 130 mm)
- One pole clamp fitting
- One Alarm unit NivOil CU/12
- One dry battery (7 Ah)
- One electronic protection device against excessive discharge and overload
- One solar panel (5 Wc) on its own stand

The **BBS-GYR** includes:

- One BBS-STD
- One FLASHING LIGHT on the front

The **BBS-GSM** includes:

- One BBS-STD
- One integrated GSM module

CODE NUMBERS AND REFERENCES

Code	Reference	Designation
531 600	BBS-STD	Standard system
531 620	BBS-GYR	System with FLASHING LIGHT option
531 640	BBS-GSM	System with GSM option

TECHNICAL FEATURES

Cabinet

Temperature:	-25...+60°C
Dimensions:	300 x 380 x 130 mm
Protection:	IP56
Weights:	5800 g

Solar panel

Power:	5 Wc
Principle:	Polycrystalline multi panel
Dimensions:	365 x 195 mm
Weights:	1800 g

Battery

Power:	7 Ah
Dimensions:	150 x 100 x 65 mm

FLASHING LIGHT

Dimensions:	Ø 75 x 45 mm
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GSM module

Consumption:	< 0.1 W with 12 V DC (<i>survey mode</i>)
	< 0.3 W with 12 V DC (<i>connecting to the net</i>)
Dimensions:	75 x 45 x 25 mm

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