

# Breeze

## Fake PV Retrofit

An innovative solution that enables the expansion of a traditional photovoltaic installation with an energy storage system—without the need to replace the existing grid-tied inverter.



### THE ONLY SOLUTION OF ITS KIND ON THE MARKET!



Compatible with most grid-tied inverters!



10-year warranty



Energy storage without replacing or adding an inverter!



Quick and easy installation!



The most cost-effective way to expand your system with energy storage.



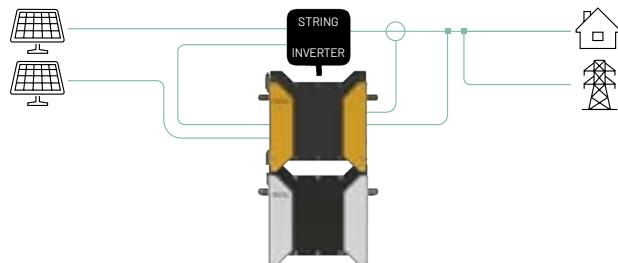
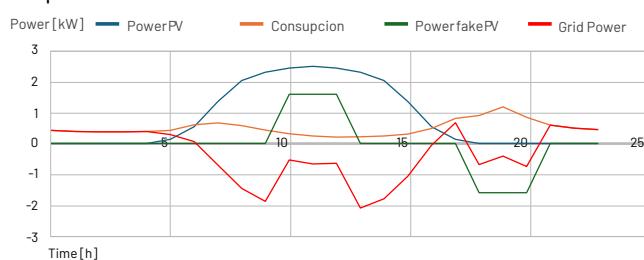
Compliant with EU health, safety, and environmental protection requirements

### Mounting-compatible with the battery LC48100

#### Possible connection diagrams and operation

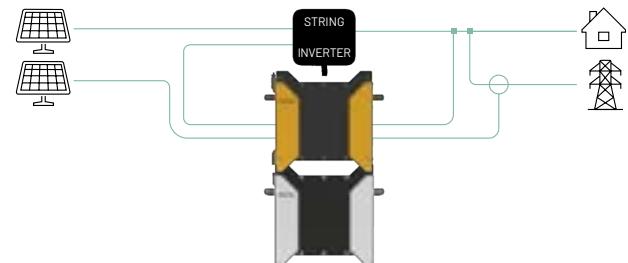
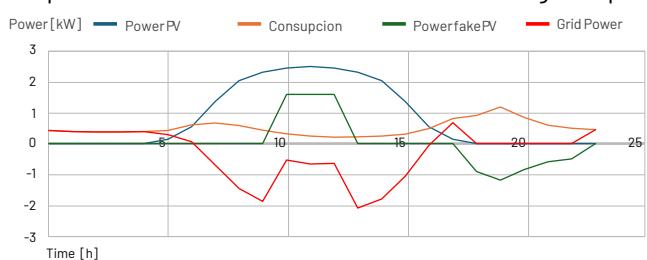
##### FAKE PV RETROFIT

- operation with current measurement at the inverter output



##### FAKE PV RETROFIT

- Operation with current measurement at the grid input



Thanks to the device measuring the power consumption of the home, the excess energy produced by the panels can be maximized. When the energy production from the panels exceeds the demand, the surplus energy is stored in the battery. When the panels stop producing power (e.g., at night), the energy from the battery is used to power the home. The entire process is carried out using the existing grid inverter.

# Breeze

## Fake PV Retrofit

Proprietary technology Breeze Energies Sp. z o. o.

### AC INPUT

Voltage	3 x 230 V
Number of Phases	3
Rated Power	1,8 kW
Rated Effective Current	3 x 2,6 A
Frequency	50 Hz

### DC PV INPUT/OUTPUT

Maximum Voltage	1000 V
Maximum Current	15 A

### EFFICIENCY

Maximum efficiency in charge/ discharge cycle	>85,00%
--	---------

### DISCHARGING FAKE PV RETROFIT

Maximum Power	2 kW
Voltage Range	do 450 V
Number of Outputs	1
Rated Power	2 kW
Maximum Current	7 A

### PHYSICAL PARAMETERS

Weight	25 kg
Dimensions (WxHxD)	435x483x179 [mm]

### BATTERY INPUT/OUTPUT

Maximum Power	2 kW
Voltage Range	40 V- 60 V
Number of Connections	1
Maksymalny prąd	50 A

### TEMPERATURE RANGE

Operating temperature	(0 - 40°C)
-----------------------	------------

### PROTECTIONS

Overcurrent	YES
Overvoltage	YES
Undervoltage	YES
Temperature	YES

PV Input/Output	MC4
Battery Input	Andreson 50 A
Grid Power Supply	AAG STUCCHI 3802/V-M-5P-BK

### OUTPUT CHARACTERISTICS OF FAKE PV RETROFIT FOR MAXIMUM POWER

