



# Storage System Leonardo PRO II 3000-48 Li

## Product description:

### Storage System Leonardo PRO II 3000-48 Li

Storage system Leonardo PRO II 3000-48 Li 3000W 48V, Lithium Ion Battery.

The Leonardo PRO II is a LITHIUM storage system, specifically designed for existing photovoltaic systems.

In the event of a power grid black-out, the Leonardo PRO II supplies the utilities connected to the EPS output, avoiding feed-in to the power grid and with short recovery times.

The Leonardo PRO II is used to increase the user's share of self-consumed energy, maximizing energy independence.

The Leonardo PRO II 3000/48 Li is compatible with the integration configurations of storage systems in existing PV plants under state incentives, such as the decrees "II-V energy account", without altering the amount of energy produced and incentivised by the existing plant, in accordance with the installation schemes provided by CEI 0-21: 2016-07 + V1-2017.

The Leonardo PRO II 3000/48 Li can be combined with Lithium Ion batteries.

### Advantages of using the AC storage system Leonardo PRO II 3000-48 Li

- Maximum efficiency: 95%
- Output power: 3000 VA
- Efficient system cooling
- AC overload and short circuit protection

PEAK SHAVING function for direct self-consumption + battery supply: the existing PV system directly feeds the consumer

and the consumption peak is cancelled or minimized by the power drawn from the battery

Anti-blackout function.

In case of BLACK-OUT the privileged users connected on the EPS line are powered by creating



an isolated OFF-GRID network.

DATA-LOGGER is used to monitor production, consumption and input data.

Lithium ion batteries: TAWAKY

Compatibility with installations with TAWAKY BATTERY Lithium Ion Batteries

Integrated monitoring and control

### **Technical characteristics of the AC storage system Leonardo PRO II 3000-48 Li**

Product type: LITHIUM storage system connected to the grid, specifically designed to be installed in existing photovoltaic systems (On-Grid), in order to increase the share of energy self-consumed by the user.

EPS anti-blackout function with recovery time 10ms

Fast and accurate internal energy flow measurement without exchange meter

Efficient system cooling

Complies with CEI 0-21

Storage power management for maximum AUTO-CONSUMPTION

PEAK SHAVING function for increasing the home system power availability

DATA-LOGGER for production, consumption and input data monitoring

Pure sine wave DC/AC inverter

Continuous output power: 3000VA

Output voltage: 230Vac 50Hz

Maximum Efficiency: 95%

Battery charger power AC 2100W

Battery disconnection switch

Battery voltage: 48Vdc

LITHIUM Batteries: TAWAKI

AC overload and short circuit protection

IP20 Container

You can discover the full range of storage systems on the dedicated section of the site by clicking [HERE](#).

Images and technical data not binding

### **Product features:**

Continuous power single phase (KW): 2.4

Frequency (Hz): 50

Voltage (V): 230

Protection degree: IP20

Length (mm): 271

Width (mm): 501

Height (mm): 143

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Shop name

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Weight (Kg): 18



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