



Storage System Leonardo PRO II 3000-48 Li

Reference: 016452

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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

Technical Sheet

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
Weight (Kg)	18