



# PRAMAC OFF GRID LX 45/125 PORTABLE BATTERY 90 KW SINGLE- PHASE/THREE-PHASE

Product price:

**127.570,52 € tax excluded**

## Product description:

PRAMAC OFF GRID LX 45/125 PORTABLE BATTERY 90 KW SINGLE / THREE-PHASE

The battery storage solution PRAMAC OFF GRID LX 45/125 is a practical solution to have access, in any situation, to an energy source with **zero CO2 emissions**, which can be charged by means of an integrated photovoltaic panel.

PRAMAC OFF GRID LX 45/125 was created for stand alone applications for low load and hybrid applications to manage peaks of industrial and construction sites.

The portable battery in autonomous operation is suitable for work environments that need to be silent, low load environments, or simply usable as an emergency group in the event of a blackout.

In any complex application such as events or construction sites, where low loads or spikes can be a problem for the generator, the hybrid solution is ideal for improving the overall performance of the site.

A hybrid energy system manages the operation of the diesel generator: when the demand for power is low, the generator shuts down, when the battery is discharged or the demand for power increases, the generator starts.

Thanks to a state-of-the-art control system, the PRAMAC OFF GRID LX 45/125 battery is equipped with automatic start-up and GSM remote control, thanks to which the unit's operating parameters can be monitored at all times.

The PRAMAC OFF GRID LX 45/125 battery can be used as an emergency unit in case of power failure. Thanks to the self-starting control unit, the battery will come into operation the moment it registers a lack or inefficiency in the mains voltage.





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**TECHNICAL CHARACTERISTICS PRAMAC OFF GRID LX 45/125:**

Type of phase: Single-phase / Three-phase

Continuous power: 45 KVA / 36 KW

Maximum power (5s): 112.5 KVA / 90 KW

VAC voltage: 230/400

Frequency (Hz): 50

Battery type: Li-Ion NMC

Input socket: 2 x 125A 400 / 230V IEC 60309

Socket panel: 1 x 32A 230 V / 2 x 32A 400 / 230 V / 1 x 63A 400 / 230 V / 1 x 125A 400 / 230V

Battery life (@ 80% DoD): 4000 cycles

Battery nominal capacity: 125 KWh

Usable energy (@ 80% DoD): 100 KWh

Maximum input: 125A 400 / 230V

Degree of protection: IP34

Length: 2012 mm

Width: 1183 mm

Height: 2012 mm

Net weight: 1970 Kg

Discover the full range the entire range of PRAMAC storage systems or portable batteries or other specialized brands. Visit the dedicated section by clicking [HERE](#)

The images and technical data are not binding and may be subject to revisions by the manufacturer.

**Product features:**

Phase: Single phase / Three phase

Maximum power three phase (KW): 90

Continuous power three phase (KW): 36

Maximum power three phase (KVA): 112.5

Continuous power three phase (KVA):

Sockets configuration: 1 x 32A 230 V / 2 x 32A 400/230 V / 1 x 63A 400/230V / 1 x 125A 400/230V

Protection degree: IP34

Input current max AC: 125A

Battery's service capacity (KWh): 125

Battery type: Li-Ion NMC

Length (mm): 2012

Width (mm): 1183

Height (mm): 2012

Input voltage (V): 400/230



ATS Switch device : Yes

Weight (Kg): 1970

Inputs: 2 x 125A 400/230V IEC 60309