

PRAMAC OFF GRID LX 60/125 PORTABLE BATTERY 120 KW SINGLE- PHASE/THREE-PHASE



Product description:

PRAMAC OFF GRID LX 60/125 PORTABLE BATTERY 120 KW SINGLE/THREE-PHASE

The battery storage system PRAMAC OFF GRID LX 60/125 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 60/125 provides reliable energy in the most economical and environmentally friendly way. The energy stored inside the battery is electronically converted into mains power. The stored energy can derive from integrated photovoltaics, from the connection to the electricity grid, from a diesel generator or from a wind turbine.

Energy is automatically managed by one or all of these energy sources to ensure maximum efficiency, minimum maintenance and the best environmental impact. Remote communication ensures that real-time monitoring and maintenance can be performed from anywhere in the world.

PRAMAC OFF GRID LX 60/125 was created for stand alone applications for low load and hybrid applications to manage power 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 latest generation control system, the PRAMAC OFF GRIDLX 60/125 battery is equipped with automatic start and GSM remote control, thanks to which it is possible to monitor the unit's operating parameters at any time.

The PRAMAC OFF GRID LX 60/125 battery can be used as an emergency group in the event of a blackout. Thanks to the automatic starting control unit, the battery will start working when it registers a lack or inefficiency in the mains voltage.

Main features PRAMAC OFF GRID LX 60/125:

- NMC deep cycle lithium ion battery
- Advanced EMS with touch screen control
- 100A through current
- GSM remote monitoring
- Complete isolated DC system with pre-charge
- V50 Power™ for increased DC bus stability
- Full system auto bypass
- Single-phase to three-phase conversion

TECHNICAL CHARACTERISTICS PRAMAC OFF GRID LX 60/125:

Type of phase: Single-phase / Three-phase

Continuous power: 60 KVA / 48 KW

Maximum power (5s): 150 KVA / 120 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 230V / 2 x 32A 400 / 230 V / 1 x 63A 400 / 230V / 1 x 125A 400 / 230V

Battery life (@ 80% DoD): 4000 cycles

Nominal battery capacity: 125 KWh

Usable energy (@ 80% DoD): 100 KWh

Single-phase maximum input: 125A 230 V

Three-phase maximum input: 200A 400 V

Protection degree: IP34

Length: 2012 mm

Width: 1183 mm

Height: 2012 mm

Net weight: 2024 Kg

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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): 120

Continuous power three phase (KW): 48

Maximum power three phase (KVA): 150

Continuous power three phase (KVA): 60

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: 200 A

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): 2024

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