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

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): 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