



PRAMAC OFF GRID LX 45/75 PORTABLE BATTERY 90 KW SINGLE-PHASE/THREE-PHASE

Reference: YC450T1H000

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The PRAMAC OFF GRID LX 45/75 portable battery 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 45/75 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.

Main features PRAMAC OFF GRID LX 45/75:

- 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 45/75 :

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 / 230V / 1 x 125A 400 / 230V

Battery life (@ 80% DoD): 4000 cycles

Nominal battery capacity: 75 KWh

Usable energy (@ 80% DoD): 60 KWh

Maximum input: 125A 400 / 230V

Degree of protection: IP34

Length: 2012 mm

Width: 1183 mm
Height : 2012 mm
Net weight: 1630 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.

Technical Sheet

Phase	Single phase / Three phase
Continuous power three phase (KW)	36
Battery type	Li-Ion NMC
ATS Switch device	ATS Included
Weight (Kg)	1630