



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

Reference: YC450T0C000

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

The battery store system PRAMAC OFF GRID LX 45/90 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 45/90 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 45/90 was created for stand alone applications for low load and hybrid applications to manage power peaks of industrial and construction sites.

The PRAMAC OFF GRID LX 45/90 portable battery in autonomous operation is suitable for work environments that require no noise, 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.

#### TECHNICAL FEATURES PRAMAC OFF GRID LX 45/90:

Type of phase: Single-phase / Three-phase

Continuous power: 45 KVA / 36 KW

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

VAC voltage: 230/400V

Frequency (Hz): 50

Battery type: Lead acid gel OPzVS

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): 2000 cycles

Battery nominal capacity: 90 KWh

Usable energy (@ 80% DoD): 72 KWh

Maximum input: 125A 400 / 230V

Degree of protection: IP34

Length: 2012 mm

Width: 1183 mm  
Height: 2012 mm  
Net weight: 3995 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
Maximum power three phase (KW)	36
Continuous power three phase (KW)	36
Continuous power three phase (KVA)	45
Battery's service capacity (KWh)	90
ATS Switch device	ATS Included
Weight (Kg)	3995