



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

Reference: YC450T1J000

### 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.

#### 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.

## Technical Sheet

Phase	Single phase / Three phase
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	ATS Included
Weight (Kg)	1970
Inputs	2 x 125A 400/230V IEC 60309