



## PRAMAC OFF GRID MX 10/40 BATTERY ENERGY STORAGE SOLUTION 15KW SINGLE-PHASE

Reference: YB100Y0A000

### PRAMAC OFF GRID MX 10/40 PORTABLE BATTERY 15 KW SINGLE PHASE

The battery storage solution PRAMAC OFF GRID MX 10/40 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 MX 10/40 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 MX 10/40 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.

#### TECHNICAL FEATURES PRAMAC OFF GRID MX 10/40:

Type of phase: Single-phase  
Continuous Power: 10 KVA / 10 KW  
Maximum Power (5s): 15 KVA / 15 KW  
Voltage VAC: 230  
Frequency (Hz): 50  
Battery type: Lead acid gel OPzV-S  
Input socket: 1 x 32A 230V IEC 60309  
Socket panel: 2 x 32A 230V IEC 60309  
Duration of battery (@ 80% DoD): 2000 cycles  
Battery nominal capacity: 40 KWh  
Usable energy (@ 80% DoD): 32 KWh  
Maximum input: 63A 230V  
Degree of protection: IP34

Length: 1600 mm  
Width: 1020 mm  
Height: 1708 mm  
Net weight: 1930 Kg

Are you looking for a product with different technical characteristics? [HERE](#) you can find the full range of storage systems or portable batteries from PRAMAC or other specialized brands.

The images and technical data are not binding and may be subject to revisions by the manufacturer.

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	15
Continuous power single phase (KW)	10
Maximum power single phase (KVA)	15
Continuous power single phase (KVA)	10
Sockets configuration	2 x 32A 230V IEC 60309
Input current max AC	63 A
Battery's service capacity (KWh)	40
Battery type	Lead acid gel OPzV-S
Width (mm)	1020
Height (mm)	1708
ATS Switch device	ATS Included
Weight (Kg)	1930
Inputs	1 x 32A 230V IEC 60309