



PRAMAC OFF GRID MX 20/37 BATTERY ENERGY STORAGE SOLUTION 40 KW SINGLE-PHASE

Reference: YB200Y1F000

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The battery storage solution PRAMAC OFF GRID MX 20/37 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 20/37 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 20/37 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.

The standard equipment of the PRAMAC OFF GRID MX 20/37 portable battery consists of:

- System Status Control Panel
- Battery Condition
- Battery Main Isolator
- GSM Remote Monitoring
- Automatic Generator Start Signal
- MCB's output

TECHNICAL FEATURES PRAMAC OFF GRID MX 20/37:

Type of phase: Single-phase
Continuous Power: 20 KVA / 20 KW

Maximum Power (5s): 40 KVA / 40 KW
Voltage VAC: 230
Frequency (Hz): 50
Battery type: Li-Ion NMC
Input socket: 1 x 63A 230V IEC 60309
Socket panel: 2 x 32A 230V IEC 60309
Battery life (@ 80% DoD): 3000 cycles
Nominal battery capacity: 37.5 KWh
Usable energy (@ 80% DoD): 26.25 KWh
Maximum input: 100A 230V
Degree of protection: IP34
Length: 1600 mm
Width: 1020 mm
Height: 1708 mm
Net weight: 850 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.

Non-binding images and technical data.

Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	40
Continuous power single phase (KW)	20
Maximum power single phase (KVA)	40
Continuous power single phase (KVA)	20
Input current max AC	125A
Battery's service capacity (KWh)	37.5
Battery type	Li-Ion NMC
Width (mm)	1020
ATS Switch device	ATS Included
Weight (Kg)	850
Inputs	1 x 63A 230V IEC 60309