



PRAMAC OFF GRID SX 10/15 BATTERY ENERGY STORAGE SOLUTION 20KW SINGLE-PHASE

Reference: YA100Y1C000 /

PRAMAC OFF GRID SX 10/15 PORTABLE BATTERY 20 KW SINGLE PHASE

The battery storage solution PRAMAC OFF GRID SX 10/15 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 a photovoltaic panel (NOT included).

The energy stored in the battery is electronically converted, thanks to the **standard automatic starting panel**, into mains energy. Once all the battery energy has been used up, the system can be recharged: from the electricity grid, from a generator, or to be more sustainable by photovoltaic panels (NOT included). It is also possible to **use the portable battery** PRAMAC OFF GRID SX 10/15 **while it is charging**.

PRAMAC OFF GRID SX 10/15 was created for stand alone applications for low load applications, hybrid 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. This configuration leads to fewer hours of operation, more efficient fuel consumption, lower emissions and maintenance.

PRAMAC OFF GRID was created to allow, in any context, the use of green energy with zero CO2 emissions. Thanks to the very resistant structure and the fact that no maintenance is required, these batteries can be used in any working environment: buildings, events, services, isolated commercial or residential sites, charging electric vehicles.

TECHNICAL FEATURES PRAMAC OFF GRID SX 10/15:

Type of phase: Single-phase
Continuous power: 10 KVA / 10 KW
Maximum power (5s): 20 KVA / 20 KW
VAC voltage: 230
Frequency (Hz) : 50
Battery type: Li-Ion NMC
Input socket: 1 x 32A 230V IEC 60309
Socket panel: 1 x 32A 230V IEC 60309/1 x 16A 230V IEC 60309
Nominal battery capacity: 15 KWh
Usable energy (@ 80% DoD): 12 KWh
Maximum input: 63A 230V

Degree of protection: IP44
Length: 1066 mm
Width: 717 mm
Height: 1010 mm
Net weight: 276 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)	20
Continuous power single phase (KW)	10
Maximum power single phase (KVA)	20
Continuous power single phase (KVA)	10
Sockets configuration	1 x 32A 230V IEC 60309 / 1 x 16A 230V IEC 60309
Protection degree	IP44
Input current max AC	63 A
Battery's service capacity (KWh)	15
Battery type	Li-Ion NMC
Length (mm)	1066
Width (mm)	717
Height (mm)	1010
Input voltage (V)	230
ATS Switch device	ATS Included
Weight (Kg)	276
Inputs	1 x 32A 230V IEC 60309