



## PRAMAC OFF GRID SX 5/12,5 BATTERY ENERGY STORAGE SOLUTION 10KW SINGLE-PHASE

Reference: YA050Y1B000 /

### PRAMAC OFF GRID SX 5/12,5 BATTERY ENERGY STORAGE SOLUTION 10KW SINGLE-PHASE

The battery storage solution PRAMAC OFF GRID SX 5/12,5 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 panel fotovoltaic (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 5/12,5 **while it is charging**.

PRAMAC OFF GRID SX 5/12,5 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.

The standard equipment of the PRAMAC OFF GRID SX 5/12,5 portable battery consists of:

- Protection of the inverter from Short Circuit
- Protection of the inverter from Overload
- Protection of the inverter from Overtemperature
- Protection of the inverter from Low Battery
- GSM remote monitoring
- Automatic start signal of the automatic generator
- Protection of the RCBO 30mA output

#### TECHNICAL FEATURES PRAMAC OFF GRID SX 5/12,5:

Type of phase: Single-phase  
 Continuous Power: 5 KVA / 5 KW  
 Maximum Power (5s): 10 KVA / 10 KW  
 Voltage VAC: 230  
 Frequency (Hz ): 50  
 Battery type: Li-Ion NMC  
 Input socket: 1 x 32A 230V IEC 60309  
 Socket panel: 2 x 16A 230V IEC 60309  
 Battery nominal capacity: 12, 5 KWh  
 Usable energy (@ 80% DoD): 10 KWh  
 Maximum input: 63A 230V  
 Degree of protection: IP44  
 Length: 1066 mm  
 Width: 717 mm  
 Height: 1010 mm  
 Net weight: 244 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)	10
Continuous power single phase (KW)	5
Maximum power single phase (KVA)	10
Continuous power single phase (KVA)	5
Sockets configuration	2 x 16A 230V IEC 60309
Protection degree	IP44
Input current max AC	63 A
Battery's service capacity (KWh)	12.5
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)	244
Inputs	1 x 32A 230V IEC 60309