



# PRAMAC OFF GRID SX 3/7,5 BATTERY ENERGY STORAGE SOLUTION 6KW SINGLE-PHASE

## Product description:

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The battery energy storage solution PRAMAC OFF GRID SX 3/7,5 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 photovoltaic (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). Also you can **use the PRAMAC OFF GRID SX 3/7,5 while it is charging** .

PRAMAC OFF GRID SX 3/7,5 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.

#### TECHNICAL FEATURES PRAMAC OFF GRID SX 3/7,5:

Type of phase: Single-phase  
Continuous Power: 3 KVA / 3 KW  
Maximum Power (5s): 6 KVA / 6 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: 7.5 KWh  
Usable energy (@ 80% DoD): 6 KWh  
Maximum input: 32A 230V  
Degree of protection: IP44  
Length: 1066 mm  
Width: 717 mm  
Height: 1010 mm  
Net weight: 216 Kg

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

Non-binding images and technical data.

#### Product features:

Phase: Single phase  
Maximum power single phase (KW): 6  
Continuous power single phase (KW): 3  
Maximum power single phase (KVA): 6  
Continuous power single phase (KVA): 3  
Sockets configuration: 2 x 16A 230V IEC 60309  
Protection degree: IP44  
Input current max AC: 32 A  
Battery's service capacity (KWh): 7.5  
Battery type: Li-Ion NMC  
Length (mm): 1066  
Width (mm): 717  
Height (mm): 1010  
Input voltage (V): 230  
ATS Switch device : Yes

Weight (Kg): 216

Inputs: 1 x 32A 230V IEC 60309