

BATTERY STORAGE UNIT SX 15/5 (LITHIUM-ION)



Features

- 5kVA to 10kVA output power
- 230V 50Hz output
- 10 to 15 kWh stored energy
- Deep cycle lithium battery
- Maintenance free
- Zero emissions, Zero noise
- Range of optional equipment

General Description

gridtogo™ INGENIUM SX is noise and emission free. It is an alternative to a noisy petrol or diesel generator with the advantage of having no maintenance requirements (no oil or spark plug to change for example) no exhaust fumes, no hazardous fuel to deal with and without the noise and vibration that is typical of small generators. There are different versions available that offer varying output power and all models are available with 230V output (for running standard appliances).

How it works

Energy that is stored within the internal battery is converted, electronically, into mains power. Once all the energy has been used up, the unit can be re-charged by one of several means; connecting to a mains power supply, from a conventional generator or, to be truly green, you can connect solar panels. You can use the unit while it is being charged.

Power and Stored Energy

gridtogo™ INGENIUM SX is available in models that vary in power output, battery capacity and battery type. In all cases, the battery is maintenance free and designed for heavy deep-cycle duty. Power output options are available from 5kVA to 10kVA with battery capacity ranging between 5 and 15kWhrs. Versions are available with either lead acid or lithium Ion battery packs.

Options and accessories

A number of optional features are available that include charging adaptors, solar charge pack, trolley base, generator auto start control, dual output voltage and remote communications.

How long does it last?

This depends entirely on what is connected. The gridtogo™ unit is ideal for charging battery operated tools, running hand power tools such as a drill, jigsaw, sander or angle grinder, running low energy lights, a computer or charging a portable devices such as a phone or tablet. Used for these types of loads the unit can last for many hours. Running loads like CCTV or medical equipment, the unit may last for several days without the need to re-charge.

Ideal for use with

Power Tools	Low Energy Lights	Charge mobile devices	Charge battery tools
Laptop computer	Test equipment	Medical equipment	CCTV & Security

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Specifications

Model		50	100
Output voltage	230V 50Hz (CTE/dual voltage option, 60Hz option)		
Output power (Continuous)		5000VA	10000VA
Output power nominal /peak (5s)		10kW	20kW
AC output connector	2x 16A IEC 60309	2x 32A IEC 60309	
Max AC input (230V)	32A	63A	
AC Input connector	1 x 32A IEC 60309	1 x 63A IEC 60309	
Inverter protection	Short circuit, overload, over temperature, low battery		
Output protection	2x 16A RCBO 30mA	2x 32A RCBO 30mA	
Battery Type	Li-Ion		
Battery capacity /stored energy	Li-Ion 10 or 15kWh		
Dimensions (HxWxD) mm	905 x 695 x 1183mm		
Weight	85 to 250kg		
Enclosure environmental protection	IP44 weather proof		
Operating temperature range	-10°C to 45°C		