

Instagrid Portable Battery Power Station SPECIFICATION SHEET



Introducing a portable power supply that delivers grid-like performance with a rated power output of 3,600 W, a peak power output of 18,000 W and a truly lightweight design. The Instagrid provides electricity with zero local emissions anywhere you might need it, making work easier and more efficient. Enjoy silent uninterrupted power on site without the limitations and frustrations of conventional generators.

Technical Data

This is Instagrid GO 36 LV

- Delivers power equivalent to 32 A / 110 V construction site power
- Use any AC electrical equipment with a suitable plug
- Fast recharging from standard 16 A 230 V or 16 A 110 V supply under 3 hours

Mode of Operation: Discharging

Output Voltage (switchable)	110V AC / 50 Hz
Rated output power	3.6 kW (2 x 16A)
150% Overload (> 500 seconds)	5.4 kW (24 A)
200% Overload (> 50 seconds)	7.2 kW (32 A)
250% Overload (> 10 seconds)	9 kW (40 A)
Peak power	18 kW (80 A)
Maximum short-circuit current	300 A
Maximum operating time (idle)	150 h
Line protection	e-Fuse 32A
Operating temperature	-20°C to 60°C

Mode of Operation: Charging

Input Voltage	240 V AC / 50 Hz
Rated power	0.5 – 1.0 kW (4 A)
Charge duration	< 3 h up to 100%
Charging temperature	0°C up to 45°C

General

Rated battery capacity	2.1 kWh
Weight	21 kg
Dimensions	420 x 210 x 420mm
IP Class	IP 44
Protection class	Class II / double insulated
Noise emission	<10 dB(A)
Storage	>3 years

Electrical Connections

Output socket	2 x CEE 16 A
Output socket	Instagrid Accessories Outlet capable of 110 V / 32 A
Input charging socket	Neutrik powerCON TRUE1 TOP®

Power your world Construction



Cut-off Saw
2,700 W
38 cuts on cast iron pipe
Ø 110 mm



Construction Table Saw
3,000 W
~ 4,100 cuts
50 x 100 mm lumber



Breaker
2,200 W
~ 7.5 t of concrete slabs
demolished
↓ 150 mm



Diamond Core Drill
3,300 W
~ 32 holes in concrete
Ø 150 mm core drill bit
↓ 150 mm deep



Magnet Base Drill
1,400 W
~ 223 holes in steel
Ø 35 mm drill bit
↓ 10 mm



Arc Welding Machine
up to 89 electrodes
Ø 2.5 mm



Concrete Mixer
600 W
~ 11.5 t of concrete
180 l barrel



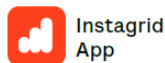
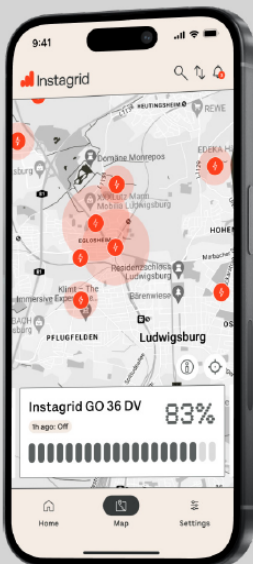
Pressure Washer
3,000 W
~ 60 m² cleaned area



Pure Instant Power. Anywhere.

We've developed the world's most advanced portable power supplies for professionals with challenging energy demands. We replace polluting combustion generators and offer a better, intuitive solution with grid-like performance.

Our award-winning power conversion technology uses a unique architecture of stacked micro-inverters, providing unprecedented power levels with a drastic reduction in size and weight. We enable reliable and efficient access to clean and affordable electricity for anyone, anywhere and anytime.



Location
Monitor the real-time location of your Instagrid product(s) to keep track of them and prevent theft.



In-depth unit information
Monitor run-time, state of charge, temperature, and location of Instagrid units.

Fleet Management

Fully-connected experience to enhance convenience, data accessibility and safety.



Quick overview
The status of all your Instagrid products at a glance.



Statistics
Aggregated data about your fleet. Keep track of your energy consumption and sustainability metrics.

