



 instagrid



INSTAGRID
ONE MAX
CONSTRUCTION

THE WORLD'S MOST ADVANCED PORTABLE POWER STATION FOR PROFESSIONAL USE

Introducing a portable power supply, combining full mains power (3600 W) with a truly lightweight and portable design.

We bring electricity with zero local emissions anywhere you might need it, making work easier and more efficient for anyone working off-grid at construction sites, outdoor workplaces and in underground settings or remote areas.

- Save time and effort
- Carry electricity easily with you
- Minimise cabling to reduce tripping hazards
- Work indoors and outdoors – in all weather conditions
- Eliminate local emissions and noise pollution



„We were very impressed by the instagrid product. We don't need to rely anymore on outside personnel and coordinate the details with them beforehand. We can just show up and start to work.“

Steinmetz Schönfeld GmbH

Restoration Professional

THIS IS THE INSTAGRID ONE max

- Delivers power equivalent to 16 A / 230 V household supply
- Use any AC electric equipment, no additional inverters needed
- Simple recharge through standard plug in 2,5 hours

TECHNICAL SPECIFICATIONS

Parameter	Value
Mode of operation: Discharging	
Output voltage	230 VAC / 50 Hz
Rated output power	3 600 W (16 A)
150 % boost (> 500 s)	5 400 W (24 A)
200 % boost (> 50 s)	7 200 W (32 A)
250 % boost (> 10 s)	9 000 W (40 A)
Peak Power	18 000 W (80 A)
Maximum short-circuit current	300 A
On (idle)	150 h
Circuit protection	16 A – equivalent B16
Operating temperature	- 20 °C up to 60 °C



Parameter	Value
Mode of operation: Charging	
Input voltage	120 - 240 VAC / 50 - 60 Hz
Rated power	500 - 1000 W (4 A)
Power consumption during complete charging process	< 0,5 W
Charge duration	< 3 h up to 100 %
Operating temperature	0 °C up to 45 °C

General

Battery capacity	2074 Wh
Weight	20 kg
Dimensions	420 x 210 x 420 mm
IP Class	IP54+
Protection class	Class II / double insulated
Noise emission	< 10 dB(A)
Storage	> 3 years

Electric Connections

Output socket	CEE 7/3 Socket (16 A)
Output socket	Neutrik powerCON TRUE1
Load input	Neutrik powerCON TRUE1
Input fuse	T5A L 250V

POWER YOUR WORLD

Construction



JACKHAMMER 2 200 W

~ 7.5 t of concrete slabs
demolished
↓ 150 mm



ARC WELDING MACHINE

up to 89 electrodes
Ø 2,5 mm



CUT-OFF SAW 2 700 W

38 cuts on cast iron pipe
Ø 110 mm



DIAMOND CORE DRILL 3 300 W

~ 32 holes in concrete
Ø 150 mm core drill bit
150 mm deep



CONCRETE MIXER 600 W

~ 11.5 t of concrete
180 l barrel



CIRCULAR SAW 3 000 W

~ 4 100 cuts
50 x 100 mm lumber



MAGNET BASE DRILL 1 400 W

~ 223 holes in steel
Ø 35 mm drill bit
↓ 10 mm



HIGH PRESSURE WASHER 3 000 W

~ 60 sqm cleaned area



INSTAGRID - A NEW STANDARD IN CLEAN PORTABLE POWER

We've developed the world's most advanced portable battery systems for professionals with challenging power demands to replace polluting fossil generators in sectors like construction, events, film and media or emergency response.

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



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