



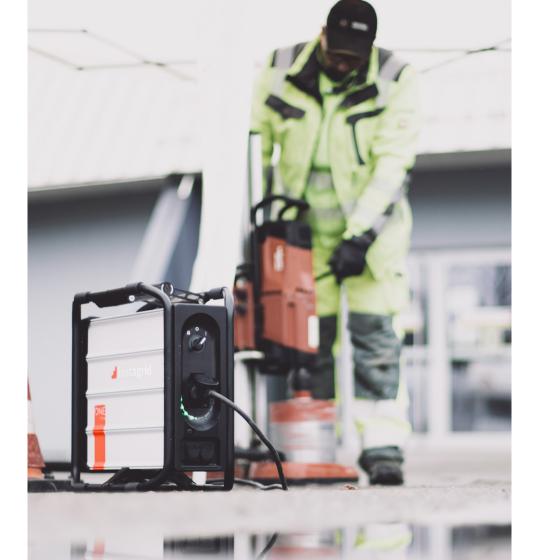
CONSTRUCTION

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

Introducing a portable power supply, combining full mains power (3 600 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

- Delivers power equivalent to 32 A / 110 V industrial supply
- Use any AC electric equipment, no additional inverters needed
- Fast recharging from standard 13 A 230 V supply in 2.5hours

### **TECHNICAL SPECIFICATIONS**

Parameter Value

### Mode of operation: Discharging

| Output voltage                | 110 VAC / 50 Hz |
|-------------------------------|-----------------|
| Rated output power            | 3600 W (32 A)   |
| 150 % boost (> 500 s)         | 5400 W (48 A)   |
| 200 % boost (> 50 s)          | 7200 W (64 A)   |
| 250 % boost (> 10 s)          | 9000 W (80 A)   |
| Peak Power                    | 18000 W (160 A) |
| Maximum short-circuit current | 300 A           |
| On (idle)                     | 150 h           |

Circuit protection 32 A – equivalent B32 Operating temperature - 20 °C up to 60 °C



Parameter Value

### Mode of operation: Charging

Input voltage 230 VAC / 50 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 110V 32A

Output socket Neutrik powerCON TRUE1
Load input Neutrik powerCON TRUE1

## POWER YOUR WORLD

Construction



38 cuts on cast iron pipe Ø 110 mm



# CIRCULAR SAW

~ 4100 cuts 50 x 100 mm lumber



### JACKHAMMER 2200 W

~ 7.5 t of concrete slabs demolished \$ 150 mm



### DIAMOND CORE DRILL 3300 W

~ 26 holes in concrete Ø 150 mm core drill bit 150 mm deep



### MAGNET BASE DRILL 1400 W

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



## ARC WELDING MACHINE

up to 89 electrodes Ø 2,5 mm



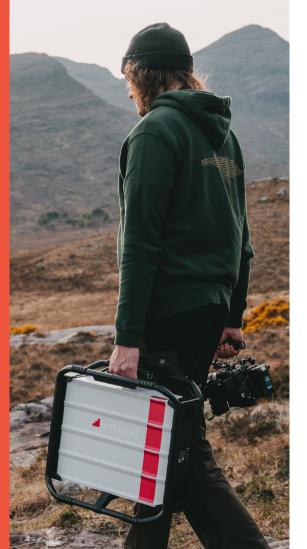
# CONCRETE MIXER 600 W

~ 11.5 t of concrete 180 l barrel



### HIGH PRESSURE WASHER 3 000 W

60 sgm 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.

### **d**instagrid

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