



PORTABLE POWER FOR PROFESSIONALS

Are you an early adopter?

A limited amount of devices will be available in 2020, only through our exclusive pre-order list!

Be among the first ones to implement this new technology by signing up at:

www.instagrid.co/shop

You will be notified first when the product is available for purchase.



YOUR **POWER** SOLUTION FOR ZERO EMISSION CONSTRUCTION



IPB130Z2020NM1

QUIET, CLEAN & CONVENIENT

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

Introducing a portable power supply, combining full mains power (3600W) 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 emergency aid.

- Save time and effort
- Carry electricity easily with you
- Minimise cabling to reduce tripping hazards
- Work indoors and outdoors – in any weather conditions



BATTERY LIKE YOU'VE NEVER SEEN BEFORE

- Delivers power equivalent to 16A / 230 household supply
- Use any AC electric equipment, no additional inverters needed
- Simple recharge through standard plug in 4 hours





Parameter	Value
Voltage	230V / 50Hz
Continuous Power	3.680W
Peak Power (0.5 sec)	11.000W
Peak Power (6 sec)	7.200W
Nominal energy	1.700Wh
Charge duration	4 hours
Standby / Sleep discharge	> 100 hours / > 3 years
Power outlet type	1 CEE 7/4
Temperature range	-20°C to 60°C
Weight	12-17 kg
IP protection class	IP6x
Noise	< 10 dB

 230V / 3.6kW

 IP6x

 400 x 400 x 180 mm

 1.7 kWh

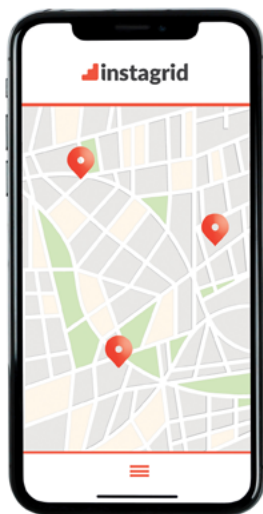
 12-17 kg

JUST PLUG IN YOUR DEVICE & GO!

EASE OF USE WITH IoT

Each Instagrid device is identified and can be remotely monitored.

- See the accurate location of Instagrid devices
- Easily monitor the devices state of charge
- Switch devices remotely on and off
- Be instantly notified when battery is running low
- View daily statistics



CIRCULAR SAW 3000 W

cuts through construction grade wood
~ 90 cuts
80 x 100mm timber



CUT-OFF SAW 2700 W

cuts through cast iron pipe
~ 20 cuts
pipe \varnothing 200mm



INDUSTRIAL VACUUM CLEANER 350 - 1200 W

~ 85 - 290min runtime



HIGH PRESSURE WASHER 3000 W

~ 40sqm cleaned area



JACKHAMMER 2200 W

trench in concrete
~ 48m long
0.3m wide
0.15m deep



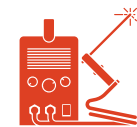
DIAMOND CORE DRILL 3300 W

holes in concrete
~ 26 holes
150mm deep
 \varnothing 150mm drill



CONCRETE MIXER 600 W

filled with concrete
~ 80min runtime



ARC WELDING MACHINE

up to 72 electrodes
 \varnothing 2.5mm

PORTABLE BATTERY POWER SUPPLY

Our portable battery power supply was designed specifically for professional applications, providing a power socket without constraints, wherever it is required.

Lightweight, robust, powerful, flexible.
The new standard for mobile work.



TECHNICAL SPECS

PARAMETER	VALUE	COMMENT
voltage	230V / 50Hz	90 - 270V / 50 - 60Hz configurable
continuous power	3.680W	equivalent to a 16A / 230V household supply
peak power (0.5 sec)	11.000W	limited by fuse characteristics
peak power (6 sec)	7.200W	limited by typical 1.5mm ² wiring of consumer acc. DIN VDE 0100-430
nominal energy	1.000Wh - 2.000Wh	depending on configuration
charge duration	4 h	fast charge option available
standby / sleep discharge	> 100h / > 3years	230V output enabled / disabled
power outlet type	1 CEE 7 / 4	
temperature range	- 20°C to 60°C	charges only >0°C
weight	12 - 17Kg	depending on execution
IP protection class	IP6x	water proof, passive cooling
noise	< 10dB	almost inaudible
CE certification	UN 38.3 IEC / UL 62133 2014 / 35 / EU (low voltage directive) 2014 / 30 / EU (EMC)	
options	- display / HMI - bypass relay - bluetooth / 4g connectivity - shell materials / colors - paralleling / daisy chaining - remote control by app	