

Instagrid ONE MAX

Portable Battery Power Supply



Product Overview

This portable battery power supply was designed specifically for professional applications, providing a power socket without constraints, wherever it is required. Lightweight, robust, powerful and flexible. Instagrid ONE is the new standard for mobile work.

Exceptional Power Compact and Easy

- No Limits: If your device can be powered from a wall socket, it can be powered with instagrid.
- Plug and Play: No cables, no hassle. Just plug in your tool and get work done.
- Truly Portable: Nothing this powerful has ever been so compact and lightweight.

Power Your Entire Work Day

- Long runtime: With 2.1 kWh, Instagrid ONE max delivers the most energy in a portable format.

Designed For Professionals

- Robust and Efficient: Work under any conditions with Instagrid's water and dust resistant system

Create an Outstanding Experience For Your Customers

- Instagrid ONE max is completely silent and has zero toxic fumes

Fast Charging

- 2.5 hours: Short on time? You can charge the instagrid system even in the middle of your workday

Better Than The Grid

- 18.000 Watt Peak: With the Instagrid system you can power your most demanding devices up to 18.000 W peak.
- 3.600 Watt Continuous: Power your tools with 3.600 W pure sine from fine electronics to welding.

One Handed Portability

- 20 kg: Nothing this powerful has ever come in this size

Engineered and Designed in Germany

- Instagrid portable power system is precision manufactured to meet the highest quality standards

Raising the Bar on Safety

- No grounding required: Instagrid power system is designed according to IEC protection class II
- No tripping hazards: Reduce cabling
- No toxic fumes: Create a healthier work environment, work indoors and in closed spaces



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Technical Specifications

Electrical	
Output voltage	230 V (AC) / 50 Hz
Rated power output	3.6 kW (16 A)
Rated energy capacity	2.1 kWh
Change duration	< 3 h to 100%
On (idle)	150 h
Storage	> 3 years (switch in “off” or “transport” mode)
Output Socket	EU CEE 7/3 Socket (16 A)
Output Socket	Neutrik powerCON TRUE1 TOP®
Input charging socket	Neutrik powerCON TRUE1 TOP®

Physical	
Weight	20 kg
Dimensions	420 x 210 x 420 mm
Outer Case	Recycled aluminium

Peak Power	
150% overload	(>500 sec) 5.4 kW (24 A)
200% overload	(>50 sec) 7.2 kW (32 A)
250% overload	(>10 sec) 9.0 kW (40 A)
Peak power	18.0 kW (80 A)

Environment	
IP class	IP54
Noise emissions	< 10 dB(A)



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