

# PRODUCT DATA SHEET

## instagrid**ONE**

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 WORKDAY

- 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



# Specifications

Parameter	Value	Comment
<b>Operating state: Discharging</b>		
Output voltage	120V / 60Hz	
Rated power	3,600 W / 16 A	RMS
150% overload (5,400 W / 24 A)	Operation for > 500 s possible	RMS
200% overload (7,200 W / 32 A)	Operation for > 50 s possible	RMS
250% overload (9,000 W / 40 A)	Operation for > 10 s possible	RMS
Peak Power	10,000 W / 72A	RMS
Maximum short-circuit current	500 A (peak)	Peak
Maximum operating time (idle)	150 h	
Line protection	30A	
Permitted operating temperature	-4° F to 140° F	
<b>Operating state: Discharging</b>		
Input voltage	120-240 VAC / 50-60 Hz	RMS
Rated power	500-1000 W / 4 A	Voltage independent power consumption/RMS
Charge time	< 3h to 100%	At 120VAC and 77° F ambient temperature
Permitted operating temperature	32° F to 113° F	
<b>General information</b>		
Battery capacity	2,074 Wh	
Weight	44.09 lbs	
Dimensions	16.53 X 8.26 X 16.53 in	
IP Class	IP54	Water and dust proof
Protection class	Class II / double-insulated	According to IEC 61140
Noise emission	< 10 dB(A)	Silent
Storage	> 3 years	Switch in  or  position
<b>Connections</b>		
Output socket	CEE 7 / 3 Socket (16 A)	
Output socket	Neutrik powerCON TRUE1® TOP®	
Load input	Neutrik powerCON TRUE1® TOP®	Incl. charging cable
Input fuse	TSAL 250 V	

