



Technical advantages of Instagrid Summary

Simplest operation

- ON/OFF/CHARGING requires no instructions or manual.
- Self-explanatory, even for new employees or after prolonged periods of non-use.

Health and stress reduction

- No risk of suffocation, as there are no exhaust emissions and therefore no CO₂ emissions.
- No odor emissions, as no oil or gasoline is used.
- Unlimited Indoors use
- No risk of fire or accidents due to hot components or when refilling fuel.
- Pleasant and focused work environment, as there are no noise emissions.
- No complaints from neighbors or passersby in residential areas, as there are no noise emissions.
- Components should not be heavy, with a maximum weight of 20 kg per unit.

Always at a glance

- Battery level indicator bar on the device
- Theft protection thanks to location tracking via integrated GPS-module

- Reliable operation, as remaining runtime and remaining capacity are always visible via the app.
- Fleet management, combining, consolidating and organizing the fleet in the Instagrid app

Technology

- Can be combined to 3-phase alternating current 400 V by three types. IGONE/400 and Art. ILINK/400
- Expandable to 6.3 kWh and connection of multiple consumers via ILINK
- Tough and durable, with IP54+ rating and robust protective frame, ready for use on any construction site, even in rain or dust.
- Powerhouse with up to 18,000 W peak power and 11,000 W nominal power starts any device with a T23 plug.

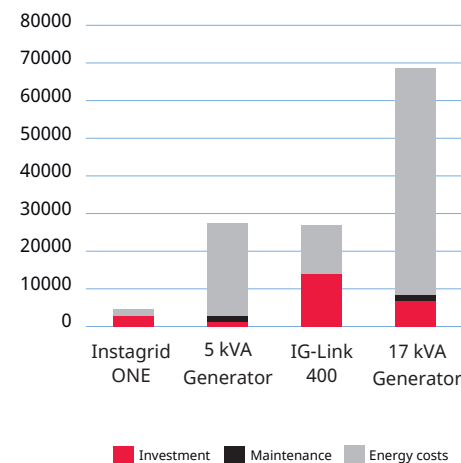
Entrepreneurial

- Compared to a generator, it pays for itself in a short time due to low maintenance and operating costs.
- Saves time, personnel resources and transport costs
- No downtime, as virtually no maintenance is required.
- 48-month warranty
- Flexible, modular and versatile
- Environment and climate-friendly.

OVERVIEW COST EFFICIENCY

Cost of Instagrid ONE vs. gasoline generator over 4 years of use (daily use, 8 hours/day, 120 Working Day) in EUR.

	Instagrid ONE	5 kVA Generator	IG-Link 400	17 kVA Generator
				
Investment	3.690 €	1.712 €	14.580 €	7.452 €
Maintenance		1.550 €		1.550 €
Energy costs	1.920 €	24.000 €	12.000 €	58.000 €
Total costs	5.610 €	27.262 €	26.580 €	67.002 €
Cost savings in %	80%		60%	
Absolute cost savings	21.652 €		40.422 €	



Instagrid ONE

The most modern portable power station for professional applications

- **Mega Power!** 18,000 watts peak power and 11,000 W nominal power – powers any device with a T23 plug
- **Extremely easy to use!** On/Off/Charging
- **Secure!** No CO₂ emissions (risk of suffocation), no noise, no fire hazard from heat.
- **Clean!** No fuel or exhaust emissions
- **Light!** Weighing 20 kg, it can be transported by one person.
- **Under control!** Fleet management via built-in GPS
- **Can be combined!** Expandable to 400 V
- **Heavy Duty!** Robust aluminum housing, IP54 rated for use in rain, dust and mud

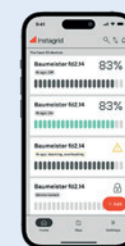


Technical data

- Output voltage 230 VAC / 50 Hz
- Rated power 3,600 W (16 A)
- Top performance 18,000 W (80 A)
- Security Galvanic isolation
- Connectivity GPS and Bluetooth built-in

- Capacity 2,074 kWh
- Weight 20 kg
- Dimensions 420 x 210 x 420 mm
- Protection class IP54+
- Protection class Class 11 / Double insulated
- Storage > 3 years
- Charging time < 3 h to 100%
- Output 1 x T23 16 A, 1 x Neutrik power CONTRUE1 TOP

ALWAYS CONNECTED WITH THE INSTAGRID APP



Fleet management

All devices are always up-to-date on your smartphone.



Battery statistics

Detailed statistics for each individual device to better understand consumption.



Firmware Update

Updates have never been so easy thanks to the Instagrid app.



Location analysis

Real-time location of the unit(s). Also for the protection of property.



Instagrid LINK

A powerful residual current protection system is integrated!

- **Capacity expandable up to 6.3 kWh (3 times)** – Requires 3 Instagrid ONE devices
- **Island mode** – Seamless replacement of Instagrid ONE units during operation – switching time < 20 ms
- **Energy supply for critical operations** (USV Standard) – Connect Instagrid LINK to a power outlet and up to 3 Instagrid ONE units.
- **Safe operation of multiple tools** – Multiple high-performance tools can be connected to the Instagrid ONE simultaneously via LINK.
- **Compatible** with Art. IGONE and Art. IGONE/400



Technical data

- Output socket
- Protection class
- Switching time

3 x T23 CH socket (16 A)
Class II / Double insulated
< 20 ms

Security

- Personal protection
- Line protection

3 x 1P+N RCD type A, 30mA
1PB16

Dimensions and Weights

- Dimensions
- Weight
- Protection class

400 x 310 x 140 mm
4.5 kg
IP54



Instagrid LINK MAX 400 V

Three-phase current – exceptionally mobile

- **Powerful 3-phase power solution** – requires three Instagrid ONE max 400
- **Compact, lightweight and mobile** – Can be transported and assembled by one person
- **High peak performance** – With a peak power output of up to 54 kW, even energy-intensive equipment starts without any problems.
- **Reliable** – no downtime due to defects or maintenance



Technical data

- Output socket
- Protection class
- Output voltage
- Output current
- Rated power
- Top performance

1 x CEE 5-pin 16 A 6 h
Class 1 with Class 2 super structure
400 V AC
16 A
11,000 W
54,000 W

Security

- Phase monitor
- Surveillance
- Line protection

Phase Monitor (PMD)
Insulation monitoring (IMD)
1 x 4-pin C16

Dimensions and weights

- Dimensions
- Weight
- Protection class

391 x 320 x 140 mm
5.1 kg
IP54

