

ROCK-E CONSTRUCTION



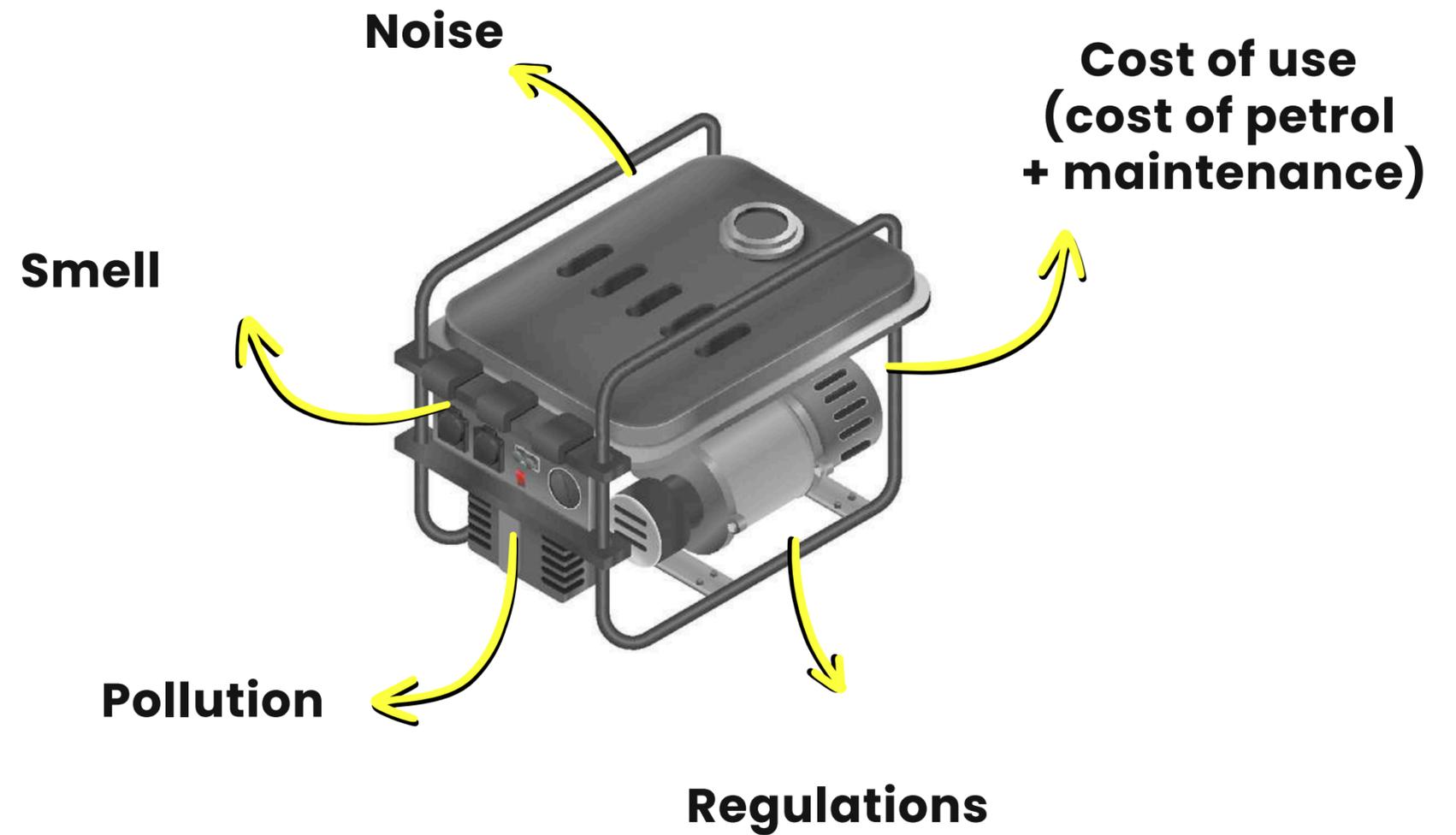
ONE NEED

Off-grid clean energy



INCONVENIENCES

of gas-powered generators



PESS

We design, produce and sell zero emission* generators

Our goals

- 🗨️ Replace gas powered generators by **mobile, reliable, innovative** and **safe** solutions
- 🗨️ Promote **off-grid electricity** and foster a healthy work environment.

  Made in France, locally repairable

*in use



ROCK-E

8000W – 10000Wh

**Our battery-powered generator
for construction and emergency services**



Silent



Mobile & off-road



Zero CO2 in use



Easily rechargeable





DATA

ROCK-E

Continuous power 8000 W

Peak power 15 000 W

Capacity 10 kWh

Recharge time 2h on 32A input
< 4h on 16A input

Recharge options Mains, solar, electric car terminal

Technology LPF Batteries

Weight 130 kg

Noise < 20 db

Output 2x single-phase sockets 16A
1x single-phase socket 32A

Protection class IP 54

Use temperature -10 ~ 60 °C



Eco-friendly solution

After 5 years >13 tons of CO2 emissions avoided

(compared to a gaz-powered generator)

= 14 flights Paris-NY

= 60 000km by car

= 19 years of electric home heating

*full environmental life cycle analysis available on request

Savings

COMPARISON DIESEL GENERATOR SETS - BATTERY

SYNTHESIS	Honda 7.1	Rock-E
Power	**	***
Capacity	****	***
CSR impact	*	***
Working comfort	*	***
Security	**	***
Return on investment	*	***

	Honda 7.1	Rock-E
Capacity		10 kWh
Continuous power	5500 W	8000 W
Peak power	7000 W	18 000 W
Power output range 1 kW continuous power		10 hours
Recharge time		2 hours
Recharge options		Mains, solar, electric car terminal
Technology	Gas	LFP Batteries
Empty weight	118 kG	130 kg
Full weight	134 kg	130 kg
Noise	58 db	< 20 db
CSR impact	CO2 emissions Noise Fossil fuel	Produced in France, No critical metals as LFP battery
Hardship	Fuel management	As heavy as a gas- generator
Ease of use	On wheels	Designed for mobility ++, with enough autonomy for the day
Cost after 7 years*	50 820€	24 830€

→ **50% savings after 7 years of use (1500h/year)**

*integrating the cost of purchase, use and maintenance (full calculation available on request)

Construction use case

Power your high-power tools all day long

Use time*



Angle grinder 2200w

4h30



Jack hammer 1500W

6h



Vacuum cleaner 1200W

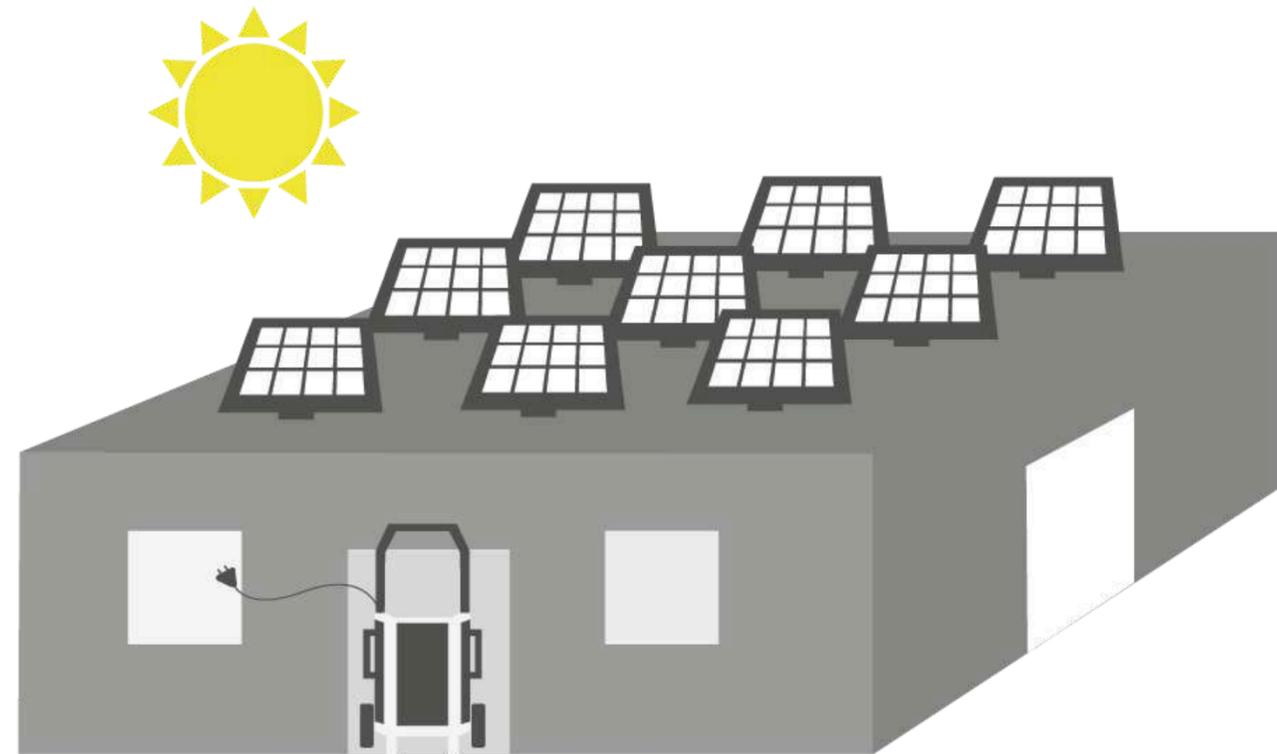
>8h

*Autonomy of a Rock-e 10kWh - 7KVA



Construction use case

Power your site hut

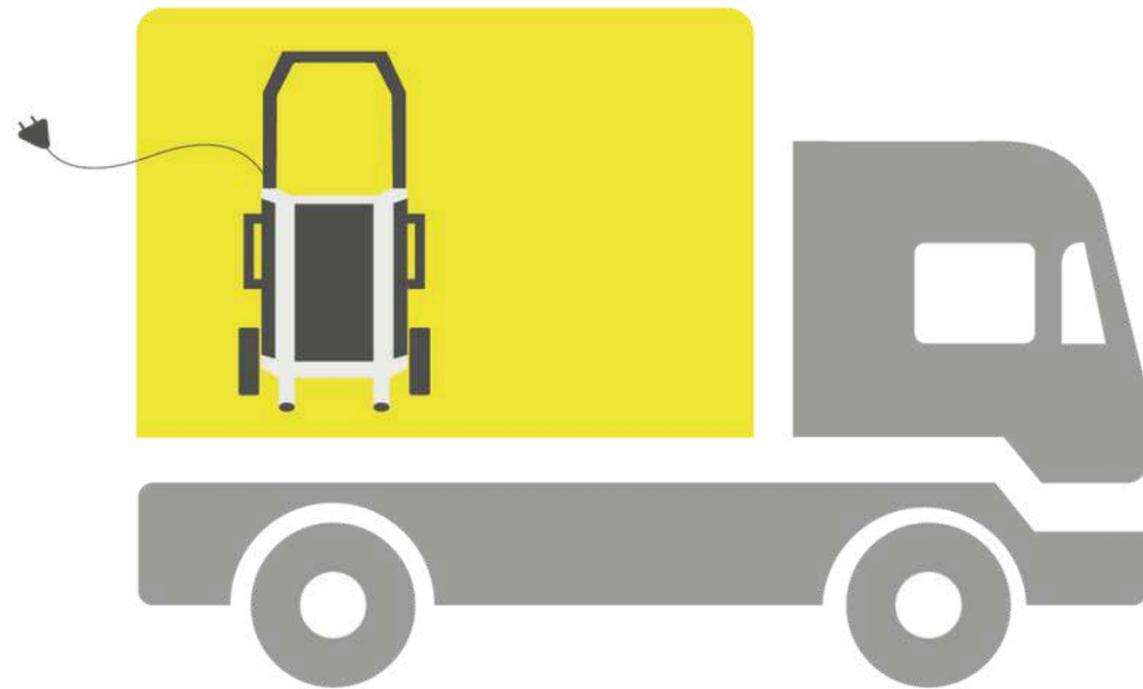


"We powered a 3-module life base for 3 weeks without any disconnections. It's a real time-saver : there are no cables to run and no extra subscriptions to worry about. It's very easy to install and very practical when it comes to mobility.

Eulalie TAILHANDIER, Site Installations Project Manager, BOUYGUES CONSTRUCTION

Construction use case

Power your trucks



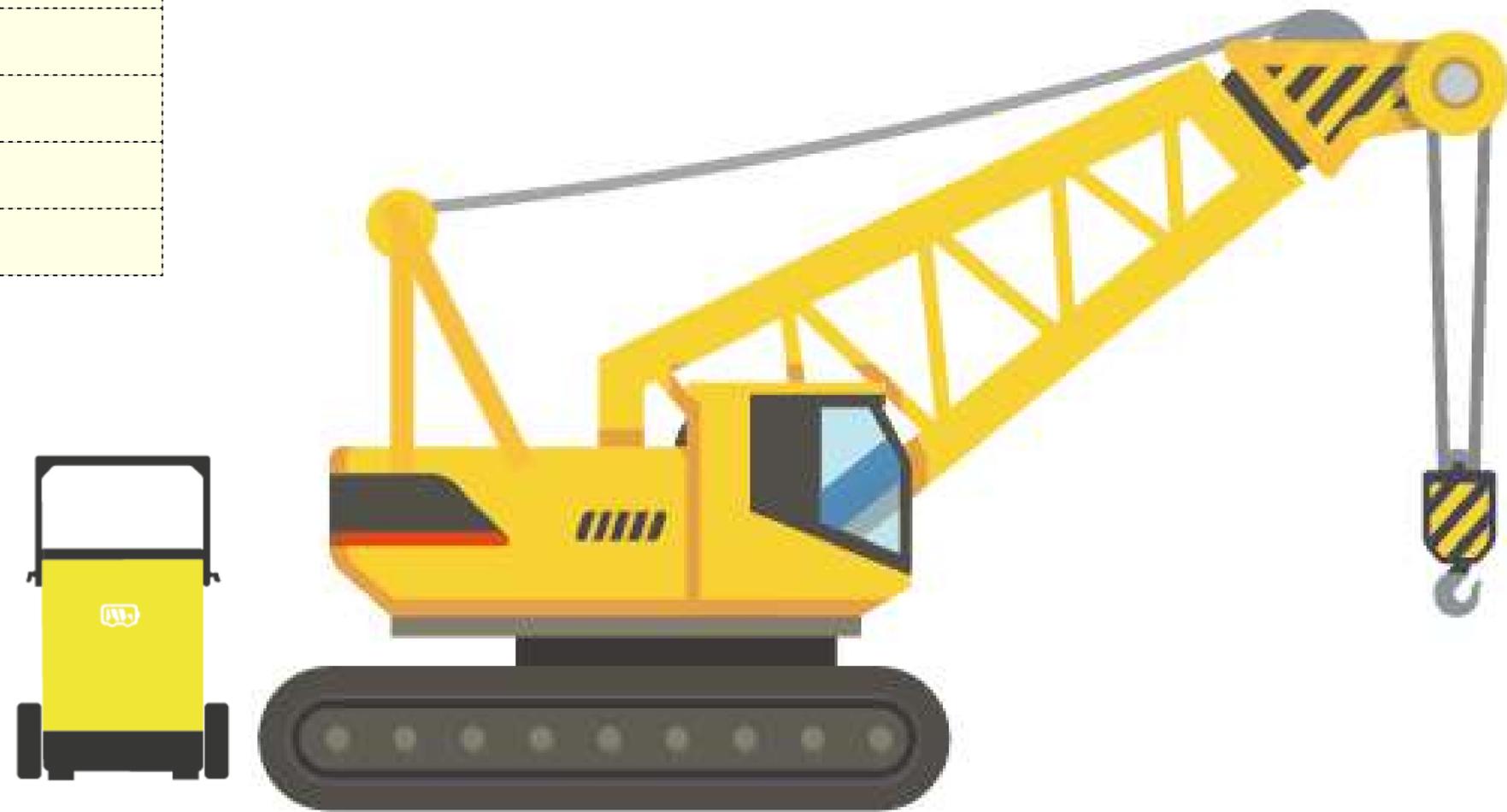
- 
 Mobile solution fixed in the truck or bolted to the truck (without wheels)
- 
 For powering your tools or recharging your portable electrical appliances
- 
 Ideal for emergency operations

Construction use case

The jerrycan for your electric site machines

Mend an electrical device on site, from 10 to 150kWh, by giving it a battery boost so that it can be returned to another site, thanks to our super-mobile battery solutions.

Capacity of electric site machine	Recharge with a Rock-E
< 1 Tonne	100%
1 à 5 Tonnes	50%
5 à 10 Tonnes	25%
> 10 Tonnes	10%



Charging solutions



16A SOCKET

<2h on 32A socket
<4h on 16A socket



SOLAR

<12h on an ekla kit (or workshop solar panels/site hut)



ELECTRIC VEHICLE CHARGING POINT

6 Rock-E < 4h





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