

# PowerUP<sup>®</sup>

Next generation  
portable generator



PowerUP<sup>®</sup>  
ENERGY TECHNOLOGIES

# UP1K

## The Future of Energy Generation

This 1 kW generator is ideal for providing backup power for 5G telecommunication towers and is a reliable and sustainable solution for the disaster relief industry. Easy to use with a smart and compact design, the UP1K gives you energy independence even on small and medium-sized motor and sailing boats. With respect to boats, this unit will allow you to charge all your electrical systems depending on the output and battery backup size. Create your first micro-smart grid by combining it with batteries, solar panels or wind turbines.



### Key values

UP1K is the key to create a smart grid solution, on board like at home. Become independent by connecting it to solar panels, wind turbines or even your very own electrolyser.



WATER  
& CORROSION  
RESISTANT



SHOCKPROOF,  
SILENT  
& ODOURLESS



LIGHTWEIGHT  
& COMPACT



MINIMAL  
MAINTENAINCE  
REQUIRED



ZERO CO<sub>2</sub>  
EMISSION

### Refilling made easy

Type 4 cylinders are quickly becoming the standard for hydrogen usage as they are extremely durable and lightweight. Together with our quick connect system, filling or exchanging bottles has never been simpler. Type 4 cylinders come in various sizes from 2–9 Litres (Water volume) and will fit in most compartments. These high-pressure cylinders are made to withstand pressures going over 300 bars. A single 9 L cylinder (4.8 kg) can provide you with 3.9 h of autonomy at full power. Whereas our 50 L bottles can give you over 47.2 h of autonomy at half power.

Output voltage	24 VDC
Max continous charging current at 24 V	42 A
Max continous power output	1000 W
Max charging power per day	1008 A h
Fuel	Compressed hydrogen (>99.97%)
Fuel consumption at 1000 W	10 L/min
Size (L x W x H)	33 x 16 x 89 cm
Weight	22 kg
Operating temperature	-5°C to +40°C
Lifetime	1000 h

It's time to PowerUP!  
Get yours now.

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