

Next generation portable generator



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
MAINTENANCE
REQUIRED



ZERO CO₂
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 9L cylinder (3.8 kg) can provide you with 3.9h of autonomy at full power. Whereas our 50L bottles can give you over 47.2 h of autonomy at half power.

Nominal power output	1000 W
Nominal output voltage	24 V DC
Current at 24 V	41.7 A
Fuel	Gaseous hydrogen (≥99.95%)
Fuel consumption at max power	13 normal l/min (65 g/hour)
Dimensions (L x W x H)	700 × 222 × 410 mm
Weight	25 kg
Operating ambient temperature	-5°C to 40°C

It's time to PowerUP!
Get yours now.

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PowerUP
ENERGY TECHNOLOGIES