



SOLAR GENERATOR

Viking Industrial is committed to delivering innovative, dependable **alternative power solutions**.

Our Gaia series embodies sustainability and adaptability, harnessing solar power to offer adaptable, scalable, and tailored systems aligned flawlessly with your project demands.





WHAT IS THE **Gaia Series** **Solar Generator**

Introducing Viking Industrial's groundbreaking Solar Generator, an all-in-one solution designed specifically for the industrial and mining sectors.

A portable and reliable source of solar power that significantly reduces reliance on diesel powered generators, minimizing carbon emissions, noise, and fuel costs.

Our Solar Generator is innovative and highly customisable to meet specific project needs.

It allows for additional battery storage, seamless connection with backup conventional generators, and various base options.

With this advanced solution, you can ensure the perfect power setup for your operational demands, maximising efficiency and sustainability.

Join us in shaping a greener and more sustainable future with Viking's Gaia Series.

5kW

Prime Output

63A

Connectable Input

32A & 16A

Single-Phase Outlets

2350W

Expandable Solar Panels



WEATHERPROOF CANOPY

Resilient in even the toughest conditions



MODULAR

Backup generator, additional battery and solar skid compatibility for evolving project needs



PLUG AND PLAY OPERATION

Effortless set-up for instant solar power



COLLAPSIBLE FOR EASY TRANSPORTATION

Designed for mobility, delivering power anywhere



RELIABLE POWER SUPPLY

Consistent and dependable energy whenever you need it



REDUCED OPERATING COSTS

Efficient performance that saves on energy costs



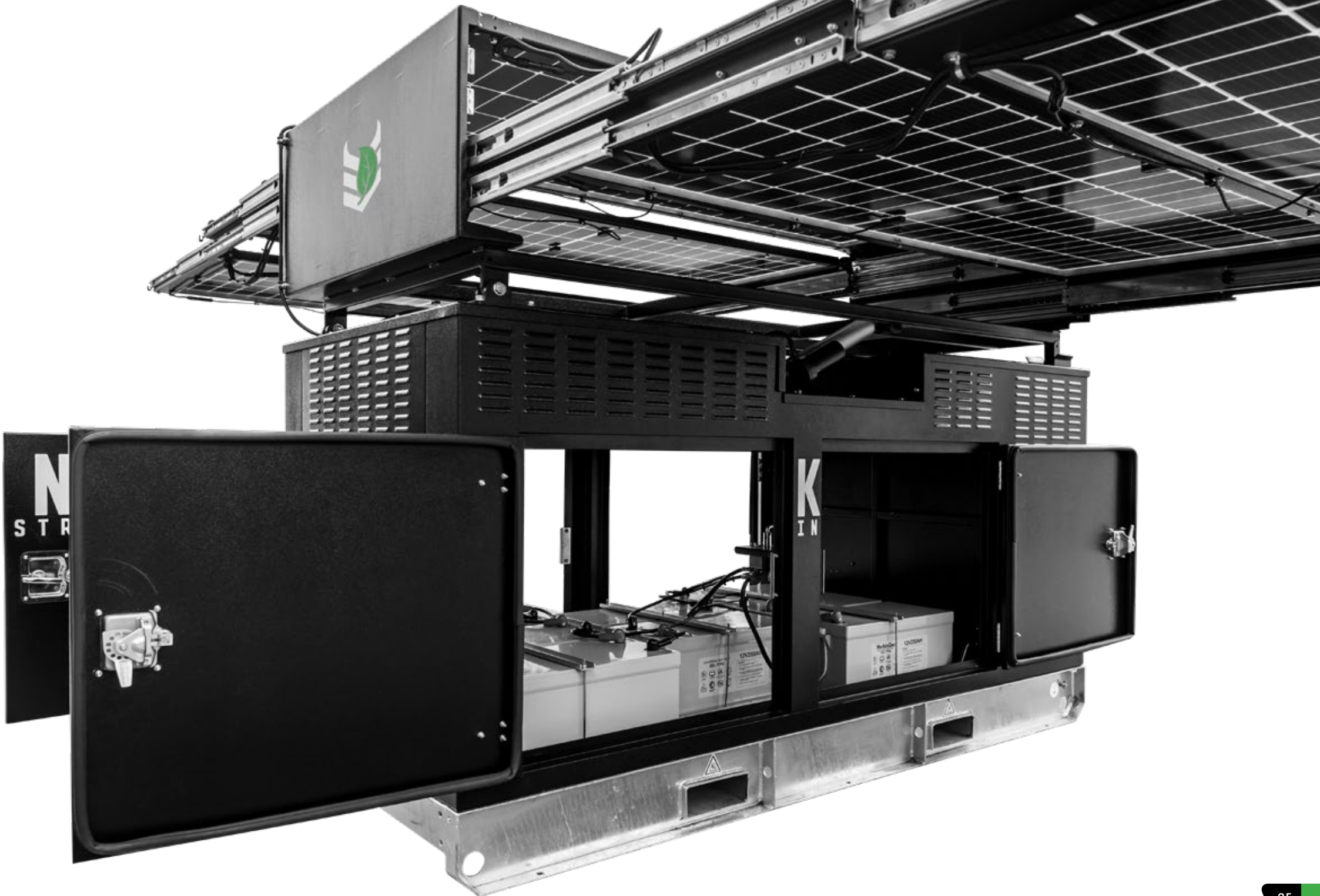
EASY MONITORING

Configure, monitor update and diagnose via the VictronConnect App



SINGLE USER INTERFACE

All-in-one Victron control for simplified energy management

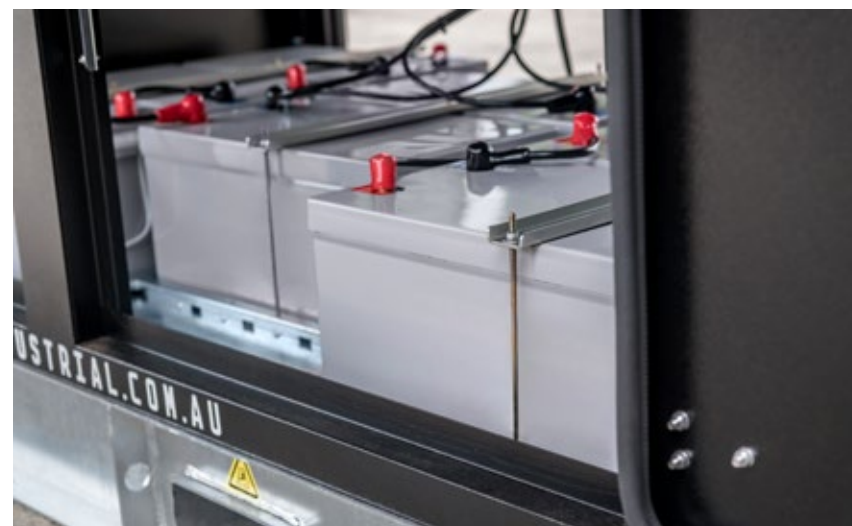
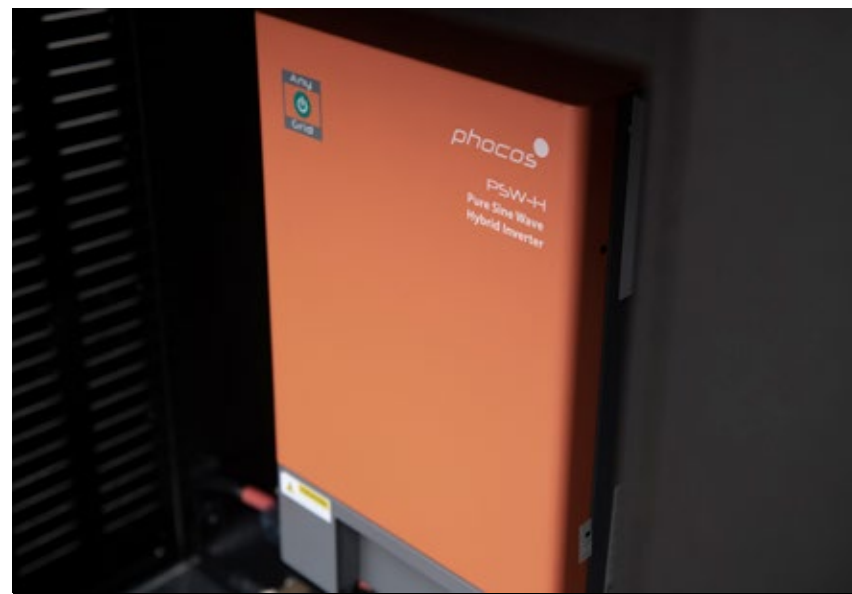


TECHNICAL SPECIFICATIONS

OUTPUT	SG20K	SG40K
PRIME RATING @ 25°C	21Amp/5kVA/5kW	10kVA/10kW
AC OUTPUT VOLTAGE	Single Phase, 230V/50HZ	Single Phase,230V/50HZ
OUTPUT CONNECTIONS	1 x 32A & 2 x 16A	1 x 32A & 2 x 16A

INPUT	SG20K	SG40K
SOLAR PANELS (ON BOARD)	2350W	2350W
SOLAR PANELS (PLUG&PLAY)	Additional up to 4.7kVA/4.7kW	Additional up to 9870W
INPUT VOLTAGE	230V/50HZ	230V/50HZ
INPUT CONNECTION	1 x 63A	1 x 63A

STORAGE	SG20K	SG40K
BATTERY TYPE	Gel Type 12V 250Ah	GEL
BATTERY CAPACITY@25°C	24kWh	48kWh - 40kWh
SERVICE LIFE (YEARS)	>5	> 5
CHARGE TIME	10h, 20% ~ 100%	20h, 20% ~ 100%



SOLAR PANELS	SG20K	SG40K
TYPE	460~480W Half Cut Cell	460~480W Half Cut Cell
PANEL STYLE	6 Expandable Panels	6 Expandable Panels
OPERATING TEMPERATURE	-40~+85°C	-40~+85°C
LIFESPAN	30 Year HJT Linear Warranty	30 Year HJT Linear Warranty

INVERTER	SG20K	SG40K
Model	phocos PSW-H-5KW-230/48V	Victron Quattro 48/10000/140-100/100
System Voltage	48Vcd	187-265 VAC
Peak Output	5000VA / 5000W	16000W

DIMENSIONS	SG20K	SG40K
WEIGHT	1650kg	2860kgs
TRANSPORTATION SIZE	2300 x 1180 x 1850mm	2300 x 1180 x 1850mm
RUNNING SIZE	2700 x 5400 x 2300mm	2700 x 5400 x 2300mm



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