

GENZERO

CLEAN ENERGY - ZERO EMISSIONS

By  NightSearcher



PORTABLE BATTERY POWERED GENERATORS



www.nightsearcher.co.uk

GenZero offer Environmentally alternatives to Petrol and Diesel Generators. Helping to keep the world free of pollution, they are silent and without smelly, toxic fumes. There are no risks of fuel spills, no moving parts, so no maintenance required.

Offering models to suit both Industrial applications and a range for Domestic and Leisure use, with various capacities, outputs, and outlets for AC 110V or 230V plus various DC and USB outputs.

Our GenZero Generators are perfect for use in remote areas to run Power Tools and Gardening equipment. Have ready to deploy in the event of an emergency during a power cut to keep Freezers & Computers/TVs running. Get outdoors and power up pumps and equipment for Camping, Boats, Angling and more.



All information is correct at time of press, we reserve the right to alter product specifications at any time and for any reason without liability. Product illustrations and effects may be simulated. Errors and omissions excepted.

GENZERO

CLEAN ENERGY - ZERO EMISSIONS

ZERO FUEL, CLEAN REPLACEMENT FOR PETROL + DIESEL GENERATORS
CLEAN ENERGY - NO POLLUTION + SILENT OPERATION



AC Charging - Available in 230V or 110V

TYPICAL USES



Construction



Flood Lighting



Garden Tools



Drones



Dehumidifiers
Heaters/Dryers



Film
Photography
Events



Household
Appliances



Microwave



Washing
Machines



Outdoor
Activities



Electrical
Devices



TV

CHARGES OPTIONS

AC CHARGER
(Supplied)

SOLAR CHARGING
(Optional)

VEHICLE CHARGING
(Optional)

INDUSTRIAL



EXTENDABLE
HANDLE

RCBO
PROTECTION



ONE MAN LIFT

ULTRA-RUGGED
CASE WITH
LIFETIME
WARRANTY

230V OR 110V
MODELS
AVAILABLE

PURE
SINEWAVE
OUTPUT

FAN
ASSISTED
COOLING

3000+
CYCLES
(APPROX 10
YEARS)

LCD
DISPLAY

IP67
WATERPROOF
CASE

WHEELS
(3000W MODEL)

OPTIONAL EXPANDABLE BATTERY PACKS

Add more power
1540Wh each



4 Hours
Charging Time

**Up to 8 Additional
CAPACITY 13860 (WH)**

Battery type
LiFePO4

No. Cycles
3000+

Weight (kg):
18 EACH

Size l x w x h (mm):
429 X 328 X 236



5 YEARS WARRANTY ★

- AC Charging
- Available in 230V or 110V



	GenZero 3000W	GenZero 1500W	GenZero 600W	
TECHNICAL SPECIFICATIONS	Continuous Output	3000W	1500W	600W
	Peak Output	6000W	3000W	1200W
	Battery Capacity (Wh)	1540Wh	922Wh	615Wh
	Battery Type	LiFePO4		
	Charging Time	4 Hours	3 Hours	2 Hours
	Ingress Protection	IP67		
	Storage/Operating Temperature	-20 To +45		
	Charge Methods	AC mains (Supplied) • Solar panel charger or Vehicle charger (Optional)		
	AC Output Voltage	Select: 110V or 230V		
	USB Outputs	1 x USB + 1 x USB-C		
	Life Of Battery	3000+ cycles		
	AC Charger Supplied	10A	10A	5A
	NET Weight	31.8kg	18.2kg	12.5kg
	Dimensions	579 x 465 x 297mm	505 x 409 x 257mm	429 x 328 mm x 236mm
Product Code	GZ-3000W-110V/230V	GZ-1500W-110V/230V	GENZERO-600W-110V/230V	

LCD DISPLAY



- Battery capacity
- Current flow
- Battery voltage
- Discharge
- Runtime at current discharge

RCBO



RCBO RESIDUAL CURRENT BREAKER + OVER CURRENT PROTECTION

BMS PROTECTION

OVERCHARGE, OVERCHARGE DISCHARGE, TEMPERATURE/SHORT-CIRCUIT

Optional Expandable Battery Packs Add Up To 4 In Total



High-Capacity LiFePO4 Batteries



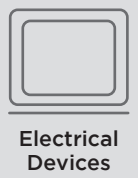
		Battery Pack
TECHNICAL SPECIFICATIONS	BATTERY CAPACITY	2048Wh
	BATTERY TYPE	LiFePO4
	LIFE OF BATTERY	3000+ cycles
	DIMENSIONS	545 x 350 x 297mm
	PRODUCT CODE	GZBP-2048-2

STACKABLE DESIGN



Add more battery packs
Up to 4 in total
High-capacity
LiFePO4 batteries
(2048Wh each)

TYPICAL USES



GENZERO 2400W

CLEAN ENERGY - ZERO EMISSIONS

Portable Power Station



Optional Expandable Battery Packs

Separate Battery Pack For Easier Portability

5 YEARS WARRANTY ★



ONE MAN LIFT

230V OR 120V (USA)

MULTIPLE PORTS

FAST CHARGING
0-80% 2 HOURS

EXPANDABLE
BATTERY PACKS

PURE SINEWAVE OUTPUTS

UPS FUNCTION

EMERGENCY LIGHT

LiFePO4

TECHNICAL SPECIFICATIONS

CONTINUOUS OUTPUT	2400W
PEAK OUTPUT	4800W
BATTERY CAPACITY (WH)	2048Wh
BATTERY TYPE	LiFePO4, 51.4V 40Ah
CHARGING TIME	Fast: 2 hours Regular: 4-5 hours Silent: 8 hours
CHARGE METHODS	AC mains (Supplied) Solar panel Vehicle charger (Optional)
AC OUTPUT VOLTAGE	230V
AC INPUT	AC196-264V Bi-directional inverter charging power, 1500W MAX
AC OUTPUT	230V 50/60Hz Real time working state
AC OUTPUT WAVEFORM	Pure Sine Wave Output
USB OUTPUTS	USB-C1/2 : Type C PD100W/PD27W USB C3/C4: QC18W max
DC INPUTS	DC 12V-32V/32 Max
DC OUTPUTS	2 x DC 5521 13.8A 10A Max 1 x Cigarette Lighter 12V/12A Max
UPS FUNCTION	Yes Switch times is less than 10mins
SOLAR INPUT (MPPT)	DC18V-60V/10A 500W Max
LIFE OF BATTERY	10 Years, 3000 cycles to 80% capacity
LED LIGHT	High Medium Low SOS
MANAGEMENT SYSTEM	MPPT Controller, BMS
SAFETY PROTECTION	Short-Circuit, Over-Current, Over-Voltage, Low-Voltage Over-Load, Over-Temperature
NET WEIGHT	23kg
DIMENSIONS	5.465 x 260 x 295mm
Product Code	Generator: GZ-2400W

3 Intelligent Charging Modes:



Optional Expandable Battery Packs
Add Up To 15 In Total



High-Capacity LiFePO4 Batteries



		Battery Pack
TECHNICAL SPECIFICATIONS	BATTERY CAPACITY	2048Wh
	BATTERY TYPE	LiFePO4
	LIFE OF BATTERY	3000+ cycles
	DIMENSIONS	? x ?x ?mm
	PRODUCT CODE	GZBP-2048

STACKABLE DESIGN



Add more battery packs
Up to 15 in total
High-capacity
LiFePO4 batteries
(2048Wh each)

TYPICAL USES



Flood Lighting



Dehumidifiers
Heaters/Dryers



Electrical
Devices



Household
Appliances



Film
Photography
Events



Outdoors
Activities

GENZERO 2000W

CLEAN ENERGY - ZERO EMISSIONS

Portable Power Station



Optional Expandable Battery Packs

Separate Battery Pack For Easier Portability

5 YEARS WARRANTY ★



ONE MAN LIFT

230V OR 120V (USA)

MULTIPLE PORTS

FAST CHARGING
0-80% 1.5 HOURS

EXPANDABLE
BATTERY PACKS

PURE SINEWAVE OUTPUTS

UPS FUNCTION

LiFePO4

TECHNICAL SPECIFICATIONS	CONTINUOUS OUTPUT	2000W
	PEAK OUTPUT	4500W
	BATTERY CAPACITY (WH)	1024Wh
	BATTERY TYPE	LiFePO4, 51.4V 20Ah
	CHARGING TIME	AC: 1.5 hours Solar: 1.3 hours Vehicle: 9 hours
	CHARGE METHODS	AC mains (Supplied) Solar panel Vehicle charger (Optional)
	AC INPUT	190 - 250V AC 6.5 A 1400W
	AC OUTPUT	5 x 110V -120V 4 x 220V - 230V
	AC OUTPUT WAVEFORM	Pure Sine Wave Output
	USB OUTPUTS	USB-C: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/5A (1000w Max) USB-A: 5V/3A, 9V/2A, 12V/1.5A (18W Max)
	DC INPUTS	12-15V DC 8A
	DC OUTPUTS	12V/10A
	UPS FUNCTION	Yes Switch times is less than 10mins
	SOLAR INPUT (MPPT)	12-80V DC, MPPT: 18-75V, 800W Max.
	LIFE OF BATTERY	10 Years, 3000 cycles to 80% capacity
	MANAGEMENT SYSTEM	MPPT Controller
	SAFETY PROTECTION	Short-Circuit, Over-Current, Over-Voltage, Low-Voltage Over-Load, Over-Temperature
	NET WEIGHT	12.6kg
	DIMENSIONS	384 x 232 x 295mm
PRODUCT CODE	GZ-2000W	



230V OR 110V

FAST CHARGING
0-80% 3 HOURS

MULTIPLE PORTS

LITHIUM BATTERY

PURE SINEWAVE OUTPUTS

SOLAR PANEL CHARGING

LCD DISPLAY

5 YEARS WARRANTY ★



Flood Lighting



Dehumidifiers
Heaters/Dryers



Electrical
Devices



Household
Appliances



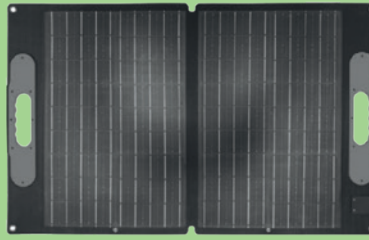
Outdoors
Activities

TECHNICAL SPECIFICATIONS	CONTINUOUS OUTPUT	800W
	PEAK OUTPUT	1600W
	BATTERY CAPACITY (WH)	2000Wh
	BATTERY TYPE	Rechargeable Lithium Battery
	CHARGING TIME	3hrs (80%) - 8hrs (100%)
	CHARGE METHODS	29.4VDC 10A adaptor AC-DC mains charger Solar panel charger Vehicle charger
	AC OUTPUT	110V or 230V
	AC OUTPUT WAVEFORM	Pure Sine Wave Output
	USB OUTPUTS	-
	DC OUTPUTS	Vehicle Output: 12V/10A (Max)
	UPS FUNCTION	Yes Switch times is less than 10mins
	SOLAR INPUT (MPPT)	12-80V DC, MPPT: 18-75V, 800W Max.
	LIFE OF BATTERY	1000+ cycles
SAFETY PROTECTION	Over Charge, Over-voltage, Over temperature, Overload, AC short circuit protection, Over Current	
NET WEIGHT	15.5kg	
DIMENSIONS	408 x 311 x 166mm	
PRODUCT CODE	GENZERO-800W-230V/110V	

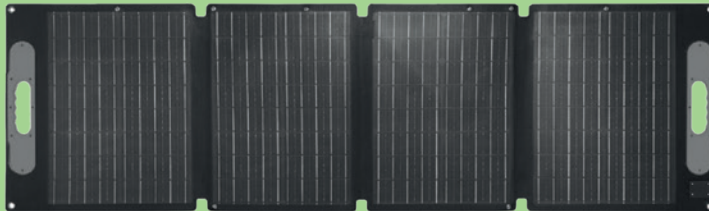


- Rugged IP66 case
- LCD Battery status
- Carry handle
- AC 110V/230 Output

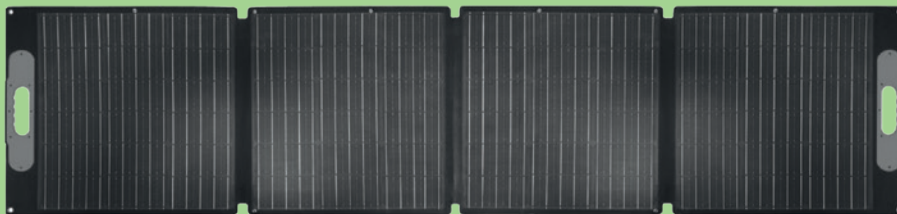
COMPATIBLE SOLAR PANELS



50W
SUITABLE FOR
200-500W UNITS



100W
SUITABLE FOR
500-1000W UNITS



200W
SUITABLE FOR
1000-2000W UNITS

	50W	100W	200W	
TECHNICAL SPECIFICATIONS	CONVERT EFFICIENCY			≥22.3%
	MATERIAL			ETFE monocrystalline
	P _{MAX}	50W ±±%	100W ±±%	200W ±±%
	V _{OC}	22.97V	23.78V	25.97V
	I _{SC}	3.23A	5.67A	10.5A
	V _{MP}	19.43V	19.67V	20.6V
	I _{MP}	2.58A	5.09A	9.7A
	INGRESS PROTECTION	IP65		
	OUTPUT	7909	MC4	MC4
	DIMENSIONS	Folded: 860 x 540mm Unfolded: 420 x 540mm	Folded: 1650 x 540mm Unfolded: 460 x 540mm	Folded: 2268 x 592mm Unfolded: 460 x 592mm



FOLDED DESIGN

IP65 WATERPROOF

ETFE MONOCRYSTALLINE

45 DEGREE ANGLED BRACKET

LIGHTWEIGHT

CARRY HANDLE

2 YEARS WARRANTY ★



- 230V
- FAST CHARGING
0-80% 3 HOURS
- LITHIUM BATTERY
- MULTIPLE PORTS
- WIRELESS CHARGING PAD
- PURE SINEWAVE OUTPUTS
- EMERGENCY LIGHT
- LCD DISPLAY

5 YEARS WARRANTY ★

TECHNICAL SPECIFICATIONS	CONTINUOUS OUTPUT	500W
	PEAK OUTPUT	800W
	BATTERY CAPACITY	500Wh
	BATTERY TYPE	Rechargeable Lithium Battery
	CHARGING TIME	3hrs (80%) - 4hrs (100%)
	AC OUTPUT VOLTAGE	230V
	AC OUTPUT WAVEFORM	Pure Wave Outputs
	USB OUTPUTS	2 x Type-C Output - PD60W 2 x USB-A Output - 12V/10A
	DC OUTPUTS	12V/10A (Max)
	CHARGING INPUTS	12-24VDC 5A adaptor
	CHARGE METHODS	AC-DC mains charger Solar panel charger Vehicle charger
	WIRELESS CHARGING PAD	YES
	LIFE OF BATTERY	1000+ cycles
	NET WEIGHT	5kg
DIMENSIONS	241Lx161Wx181H mm	
PRODUCT CODE	GENZERO-500W-230V	



⚡ Wireless charging



GENZERO 300W

CLEAN ENERGY - ZERO EMISSIONS

Portable Power Station



- 230V
- FAST CHARGING
- MULTIPLE PORTS
- LiFePO4
- WIRELESS CHARGING PAD
- PURE SINEWAVE OUTPUTS
- EMERGENCY LIGHT
- LCD DISPLAY

5 YEARS WARRANTY ★

TECHNICAL SPECIFICATIONS	CONTINUOUS OUTPUT	300W
	PEAK OUTPUT	600W
	BATTERY CAPACITY (WH)	230Wh
	BATTERY TYPE	LiFePO4
	CHARGING TIME	5 Hours
	CHARGE METHODS	AC mains (Supplied) Solar panel Vehicle charger (Optional)
	AC OUTPUT VOLTAGE	230V
	AC INPUT	50W Max
	USB OUTPUTS	3 x USB + 1 x USB-C
	DC OUTPUTS	12V/10A 40W Max
	SOLAR INPUT (MPPT)	12-28V/2.5A 40W Max
	LIFE OF BATTERY	2500+ cycles
	STORAGE/OPERATING TEMPERATURE	-10° To +40°C/ 0° To +40°C
	NET WEIGHT	3.5kg
	DIMENSIONS	217 x 131 x 147mm
PRODUCT CODE	GZ-300W-230V	



⚡ Wireless charging



HOME+LEISURE

GENZERO
CLEAN ENERGY - ZERO EMISSIONS

DuraBank 10,000
Industrial Wireless Charging Power Bank



RUGGED DESIGN, ROBUST
CORNER PROTECTION

IP66 WATERPROOF

FAST CHARGING
0-80% 4 HOURS

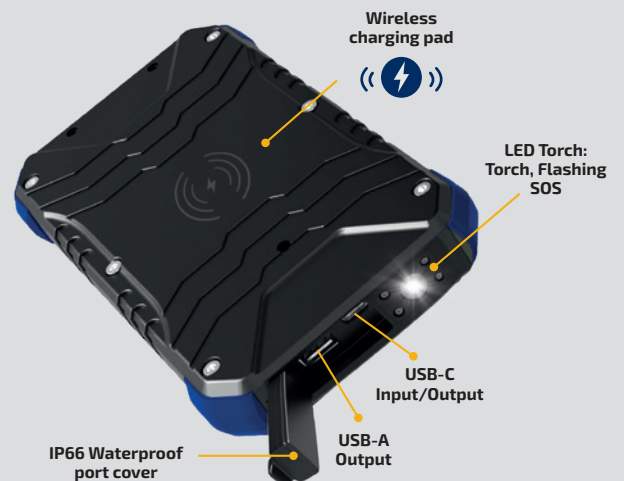
RECHARGEABLE LITHIUM BATTERY

LED LIGHT
TORCH, FLASHING, SOS

TYPE C USB OUTPUTS

5 YEARS WARRANTY ★

TECHNICAL SPECIFICATIONS	CAPACITY	10,000mAh
	BATTERY TYPE	Li-Polymer
	CHARGING TIME	4 Hours
	USB OUTPUTS	4.5V/5A 5V/4.5A 9V/2A 12V/1.5A 22.5W max
	TYPE-C OUTPUT	5V/3A 9V/2A PD20W max
	TYPE-C INPUT	5V/3A 9V/2A PD18W max
	WIRELESS CHARGING	15W max
	USB+TYPE-C+ WIRELESS CHARGING	5V/3A max
	LED TORCH	Torch, Flashing, SOS
	INGRESS PROTECTION	IP66
	SAFETY PROTECTION	Over-charge, over-load, deep-discharge and short-circuit protection
	OPERATING TEMPERATURE	-10° To +40°C/ 0° To +40°C
	WEIGHT	385g
DIMENSIONS	173 x 95 x 25mm	
PRODUCT CODE	NSDURABANK10000	





To find more models in the GenZero range

SCAN THE QR CODE OR VISIT OUR WEBSITE
nightsearcher.co.uk



GENZERO

CLEAN ENERGY - ZERO EMISSIONS

A brand by  NightSearcher



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