

RITELITE POWER

PORTABLE BATTERY POWERED GENERATORS



www.ritelite.co.uk

 DESIGNED AND MADE IN
GREAT BRITAIN

 **RITELITE**
(SYSTEMS) LTD

RITE-POWER portable battery powered Generators

The RITE-POWER portable battery-powered generator range provides an efficient, reliable, portable power solution for any professional industrial remote power requirement. Waterproof, compact and robust, RITE-POWER generators are the perfect portable power stations for many applications to power Ritelite's lighting range and other site equipment.



ZERO EMISSIONS



SILENT OPERATION



ROBUST CONSTRUCTION



SAFE & EASY TO USE

SINGLE PERSON LIFT



Weight from 8Kg - 22Kg



Capacity from 615Wh - 1750Wh



Continuous output from 300W - 750W

MULTIPLE PERSON LIFT



Weight from 36Kg - 91Kg



Capacity from 3500Wh - 7700Wh



Continuous output from 750W - 2500W

MOBILE POWER BANK



Weight from 147Kg - 247Kg



Capacity from 7700Wh - 15400Wh



Continuous output from 4000W - 8000W

Bespoke Options Available







In addition to our main battery generator options, a wide range of different configurations are available for any bespoke application. Contact us and our technical team will be in touch to help solve your technical challenges.



Battery Generator Options

RITE-POWER
PORTABLE BATTERY POWERED GENERATORS









	Product	Power	615 300W Continuous Power	1750 750W Continuous Power	1750x2 750W Continuous Power	3850 2500W Continuous Power
RITELITE LIGHTING PRODUCTS	K21 	220W	2 hours	6.5 hours	13 hours	15 hours
	K45 Lite / K45 360 	675W	N/A	2 hours	4 hours	4.5 hours
	Pro-link Beam Control x 10 lights 	140W	3.5 hours	10 hours	20 hours	22 hours
	K65 (MK5) 12 module 	1550W	N/A	N/A	N/A	2 hours
OTHER PRODUCTS	Angle Grinder 	1000W	N/A	N/A	N/A	3.5 hours (of continuous use)
	Needle Gun 	850W	N/A	N/A	N/A	4.5 hours (of continuous use)
£ Approx cost to recharge from flat *			£0.20	£0.58	£1.16	£1.27

* Based on electricity cost of 30p per kW/h

Battery Generator Options

RITE-POWER
PORTABLE BATTERY POWERED GENERATORS



		Product	Power	5250 2500W Continuous Power	7700 2500W Continuous Power	10000 4000W Continuous Power	20000 8000W Continuous Power
RITELITE LIGHTING PRODUCTS	K21		220W	20 hours	30 hours	30 hours	60 hours
	K45 Lite / K45 360		675W	6.5 hours	9.5 hours	9.5 hours	19 hours
	Pro-link Beam Control x 10 lights		140W	30 hours	45 hours	45 hours	90 hours
	K65 (MK5) 12 module		1550W	3 hours	4 hours	4 hours	8 hours
OTHER PRODUCTS	Angle Grinder		1000W	5 hours (of continuous use)	7.5 hours (of continuous use)	7.5 hours (of continuous use)	15 hours (of continuous use)
	Needle Gun		850W	6 hours (of continuous use)	9 hours (of continuous use)	9 hours (of continuous use)	18 hours (of continuous use)
£ Approx cost to recharge from flat *				£1.73	£2.54	£2.54	£5.08

* Based on electricity cost of 30p per kW/h

Features & Benefits of the single person lift range



ZERO EMISSIONS

Clean silent power. No fumes for improved air quality for users



SILENT OPERATION

Excellent for use in noise sensitive areas including urban areas



ROBUST CONSTRUCTION

Waterproof IP65. Suitable for use outdoors & on construction sites



PROVIDE POWER WHEREVER IT IS NEEDED

Ultra flexible supply of power for any remote location. Easy to charge



COMPACT AND LIGHT WEIGHT

Lighter than diesel equivalent



HIGHLY PORTABLE

Lifting handles fitted. 1750 model has extending handle & wheels for easy manoeuvring around site



RUGGEDISED IP67 CHARGING AND DISCHARGING SOCKETS

Designed for industrial environments

Features & Benefits of the single person lift range



SAFE AND EASY TO USE

No danger of accidents when refuelling or transporting



TIME SAVING

Perfect for small jobs where setting up power can take a long time with traditional power sources



LOW OPERATION COST

Less than £0.58 to recharge.
Huge cost savings per job



RELIABLE PURE SINE-WAVE INVERTER ENERGY

Power any compatible equipment including tools and electronics



MULTI-FUNCTION DISPLAY

Easily view charge status, battery capacity, estimated run or recharge time



INTELLIGENT BATTERY MANAGEMENT SYSTEM

To prevent damage to batteries during use and charging



ABLE TO LINK TOGETHER FOR INCREASED CAPACITY

Increases capacity x2, x3 or more by linking more than one battery generator together to extend working time

RITE-POWER

615 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	110V (60Hz) or 230V (50Hz)
Capacity	615 W/H
Max continuous output power	300W
Charging current	6A
Battery chemistry	Lithium ion
Dimensions	L 39 x W 31 x H 17cm
Weight	8.5Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 30°C
Self-discharge (power on, no load)	<0.5%
Expected charge cycles	500 - 1000
Protection	Overload / short circuit / over temp
IP rating	IP65 - subject to connector type fitted
Recharge time	8 hours
Integrated charger	Yes
Automatic mains failure (AMF) function	Yes
Specification options available	Solar charge controllers
Product code	SLK310BP2



UNIQUE MODEL FEATURES

- Highly portable, includes shoulder strap
- Automatic mains failure (AMF) function
- Mains pass through to give automatic switch over to battery in the event of a mains power failure
- Built-in charger
- Configurable with 110V or 230V AC output voltages
- External chargers with 110V or 230V AC input voltages
- Internal battery charger options
- DC input charger options for vehicle charging



RITE-POWER

1750 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	110V (60Hz) or 230V (50Hz)
Capacity	1750 W/H
Max continuous output power	750W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium ion
Dimensions	L 57 x W 36 x H 24cm
Weight	22Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 30°C
Self-discharge (power on, no load)	<0.8%
Expected charge cycles	500 - 1000
Protection	RCBO 30mA
IP rating	IP65 - subject to connector type fitted
Recharge time	2.5 / 3 / 6 hours (depending on charger)
Integrated charger and AMF	No
Specification options available	Solar charge controllers
Product code	SLK1770BP



UNIQUE MODEL FEATURES

- Rugged, compact trolley case with wheels for easy handling
- Configurable with 110V or 230V AC output voltages
- External chargers with 110V or 230V AC input voltages
- Internal battery charger options
- DC input charger options for vehicle charging



Features & Benefits of the multiple person lift range



ZERO EMISSIONS

Clean silent power. No fumes for improved air quality for users



SILENT OPERATION

Excellent for use in noise sensitive areas including urban areas



ROBUST CONSTRUCTION

Waterproof IP44. Suitable for use outdoors & on construction sites



PROVIDE POWER WHEREVER IT IS NEEDED

Ultra flexible supply of power for any remote location. Easy to charge



DESIGNED FOR MULTIPLE PERSON LIFT

Lifting handles located for easy lift for use or storage. Lighter than diesel equivalent



HIGHLY PORTABLE

Optional hand trolley allows units to be easily moved around, will fit through a doorway. Strap down points for secure transportation.



INTELLIGENT BATTERY MANAGEMENT SYSTEM

To prevent damage to batteries during use and charging

Features & Benefits of the multiple person lift range



SAFE AND EASY TO USE

No danger of accidents when refuelling or transporting. RCBO protected output



TIME SAVING

Perfect for small jobs where setting up power can take a long time with traditional power sources



LOW OPERATION COST

Max £2.54 to recharge. Huge cost savings per job



RELIABLE PURE SINE-WAVE INVERTER ENERGY

Power any compatible equipment including tools and electronics



MULTI-FUNCTION DISPLAY

Easily view charge status, battery capacity, estimated run or recharge time



STACKABLE DESIGN

Minimizes space claim on vehicles & Job sites



ABLE TO LINK TOGETHER FOR INCREASED CAPACITY

Increases capacity x2, x3 or more by linking more than one battery generator together to extend working time

RITE-POWER

1750x2 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	110V (60Hz) or 230V (50Hz)
Capacity	3500 W/H
Max continuous output power	750W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium ion
Dimensions	L 58 x W 40 x H 30cm
Weight	36Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 30°C
Self-discharge (power on, no load)	<0.6%
Expected charge cycles	500 - 1000
Protection	RCBO 30mA
IP rating	IP65 - subject to connector type fitted
Recharge time	4.5 / 6 / 12 hours (depending on charger)
Integrated charger and AMF	No
Specification options available	Solar charge controllers
Product code	SLK1770BP2/750



UNIQUE MODEL FEATURES

- Rugged, compact trolley case with wheels for easy handling
- Configurable with 110V or 230V AC output voltages
- External chargers with 110V or 230V AC input voltages
- Internal battery charger options
- DC input charger options for vehicle charging



RITE-POWER

3850 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	110V (60Hz) or 230V (50Hz)
Capacity	3850 W/H
Max continuous output power	2500W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium iron phosphate
Dimensions	L 72 x W 37 x H 47mm
Weight	52Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 30°C
Self-discharge (power on, no load)	<0.8%
Expected charge cycles	3000 - 5000
Protection	RCBO 30mA
IP rating	IP44 - subject to connector type fitted
Recharge time	4.5 / 6 / 12 hours (depending on charger)
Integrated charger and AMF	Optional
Specification options available	Solar charge controllers
Product code	SLK1770BP2



UNIQUE MODEL FEATURES

- Robust IP rated protection cases
- Stackable design minimizes space claim inside vehicles and on-site.- Strapping points for secure transportation
- Optional transportation trolley with quick-fix system for easier and faster deployment
- Configurable with 110V or 230V AC output voltages
- External chargers with 110V or 230V AC input voltages
- Internal battery charger options
- DC input charger options for vehicle charging
- Automatic Mains Failure (AMF) option



110V YELLOW CASE



RITE-POWER

5250 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	110V (60Hz) or 230V (50Hz)
Capacity	5250 W/H
Max continuous output power	2500W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium ion
Dimensions	L 68 x W 34 x H 68cm
Weight	57Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 30°C
Self-discharge (power on, no load)	<0.4%
Expected charge cycles	500 - 1000
Protection	RCBO 30mA
IP rating	IP44 - subject to connector type fitted
Recharge time	7 / 9 / 18 hours (depending on charger)
Integrated charger and AMF	Optional
Specification options available	Solar charge controllers
Product code	SLK1770BP3



UNIQUE MODEL FEATURES

- Robust IP rated protection cases
- Stackable design minimizes space claim inside vehicles and on-site
- Strapping points for secure transportation
- Optional transportation trolley with quick-fix system for easier and faster deployment
- Configurable with 110V or 230V AC output voltages
- External chargers with 110V or 230V AC input voltages
- Internal battery charger options
- DC input charger options for vehicle charging
- Automatic Mains Failure (AMF) option



110V YELLOW CASE



RITE-POWER

7700 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	110V (60Hz) or 230V (50Hz)
Capacity	7700 W/H
Max continuous output power	2500W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium iron phosphate
Dimensions	L 72 x W 37 x H 68cm
Weight	91Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 30°C
Self-discharge (power on, no load)	<0.2%
Expected charge cycles	3000 - 5000
Protection	RCBO 30mA
IP rating	IP44 - subject to connector type fitted
Recharge time	11 / 13 / 26 hours (depending on charger)
Integrated charger and AMF	Optional
Specification options available	Solar charge controllers
Product code	SLK1770BP4



UNIQUE MODEL FEATURES

- Robust IP rated protection cases
- Stackable design minimizes space claim inside vehicles and on-site
- Strapping points for secure transportation
- Optional transportation trolley with quick-fix system for easier and faster deployment
- Configurable with 110V or 230V AC output voltages
- External chargers with 110V or 230V AC input voltages
- Internal battery charger options
- DC input charger options for vehicle charging
- Automatic Mains Failure (AMF) option



110V YELLOW CASE



Features & Benefits of the mobile power bank range



ZERO EMISSIONS

Clean silent power. No fumes for improved air quality for users



SILENT OPERATION

Excellent for use in noise sensitive areas including urban areas



ROBUST CONSTRUCTION

Waterproof IP44. Suitable for use outdoors & on construction sites



PROVIDE POWER WHEREVER IT IS NEEDED

Ultra flexible supply of power for any remote location. Easy to charge



EASY TO MANOEUVRE

Heavy duty casters fitted to units, optional rough terrain transport wheel set



HIGHLY MOBILE

Can easily be moved on wheels or with a forklift



SYSTEM CONTROL PANEL

Reliable and safe to use. Full visibility of all current status' and ability to control input current

Features & Benefits of the mobile power bank range



SAFE AND EASY TO USE

No danger of accidents when refuelling or transporting. RCBO protected output



TIME SAVING

Perfect for small jobs where setting up power can take a long time with traditional power sources



LOW OPERATION COST

Max £5.08 to recharge. Huge cost savings per job



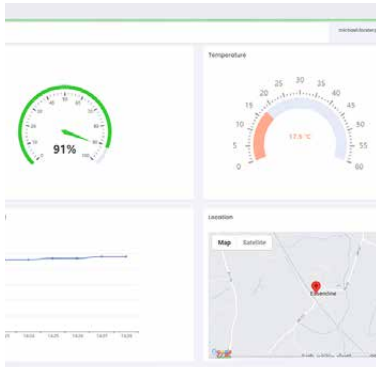
RELIABLE PURE SINE-WAVE INVERTER ENERGY

Power any compatible equipment including tools, lighting and electronics. Each socket RCBO protected



MULTI-FUNCTION DISPLAY

Easily view charge status, battery capacity, estimated run or recharge time



OPTIONAL SOC DATA

Independent remote state of charge telemetry system



RECHARGEABLE LITHIUM PHOSPHATE BATTERIES

Cheap to run - no fuel needed. Ultra long life up to 5,000 cycles

RITE-POWER

10000

PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	230V (50Hz)
Capacity	7700 W/H
Max continuous output power	4000W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium iron phosphate
Dimensions	L 84 x W 77 x H 79cm
Weight	147Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 40°C
Self-discharge (power on, no load)	<0.4%
Expected charge cycles	up to 5,000
Protection	RCBO 30mA x 6
IP rating	IP44 - subject to connector type fitted
Recharge time	2-3 hours (depending on current limit settings)
Integrated charger and AMF	Optional
Specification options available	Solar charge controllers
Product code	RP10000PPS7700/230V



UNIQUE MODEL FEATURES

- Robust IP rated protection cases
- Highly mobile - can be moved on wheels or with a forklift
- Strapping points for secure transportation
- Optional rough terrain transport wheel set for use on uneven ground
- 230V AC output voltages
- Integrated charger with 230V AC input
- Cheap to run, up to 5,000 recharge cycles
- Automatic Mains Failure (AMF) option



RITE-POWER

20000 PORTABLE BATTERY POWERED GENERATOR

TECHNICAL SPECIFICATIONS

AC output voltage	230V (50Hz)
Capacity	15400 W/H
Max continuous output power	8000W
Charging current	12.5A, 25A or 30A
Battery chemistry	Lithium iron phosphate
Dimensions	L 115 x W 78 x H 78cm
Weight	265Kg
Cooling	Fan assisted cooling
Operating temperature	0°C to 40°C
Self-discharge (power on, no load)	<0.4%
Expected charge cycles	up to 5,000
Protection	RCBO 30mA x 9
IP rating	IP44 - subject to connector type fitted
Recharge time	2-3 hours (depending on current limit settings)
Integrated charger and AMF	Optional
Specification options available	Solar charge controllers
Product code	RP20000PPS15400



UNIQUE MODEL FEATURES

- Robust IP rated protection cases
- Highly mobile - can be moved on wheels or with a forklift
- Strapping points for secure transportation
- Optional rough terrain transport wheel set for use on uneven ground
- 230V AC output voltages
- Integrated charger with 230V AC input
- Cheap to run, up to 5,000 recharge cycles
- Automatic Mains Failure (AMF) option



Charging Options

Battery Chargers for RITE-POWER Battery Powered Generators*

SLK350CH

29.4V 12.5A 350W
Waterproof IP65



SLK750CH

29.4V 25A 800W
Waterproof IP65



SLK1000CH

29.4V 30A 1000W
IP20



VEPAC Vehicle Charger

12V or 24V 10A 300W
To hard wire into vehicle
for top-up charging



* The RP615 model has integrated charger





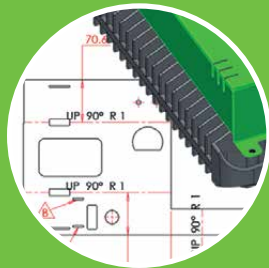
Ritelite (Systems) Limited are a global, market-leading manufacturer, of innovative, professional and industrial mobile and portable area lighting and power systems and class leaders in illumination, performance and power efficiency.

For over 35 years, our journey to success has been driven by the design and manufacture of high-performance, high-efficiency lighting and power solutions. At Ritelite, we thrive on flexibility, embracing unconventional thinking and leveraging state-of-the-art technologies to collaborate closely with our customers. This partnership approach allows us to continually evolve our product range to meet the ever-evolving demands of our valued customers and markets.

When you invest in a Ritelite lighting product you are embracing our design philosophy - to provide the highest level of "usable light" to the widest range of work task situations. Our products are engineered to be efficient, flexible, versatile, robust, and highly reliable ensuring they stand the test of time. All Ritelite lighting solutions feature our unique beam-controlled lighting design giving maximum useful light for any application with minimised glare and light pollution. Our product range is also eco-conscious, offering zero emission, silent-running power solutions either through in-built highly efficient lithium batteries or via our innovative RITE-POWER portable battery-powered generators.



BESPOKE CUSTOMER SOLUTIONS



IN-HOUSE DESIGN AND DEVELOPMENT



BRITISH MANUFACTURERS FOR OVER 35 YEARS



EXPERTS IN LED TECHNOLOGY & POWER EFFICIENCY



HIGH QUALITY PRODUCTS & PROCESSES, ISO 9001 & 14001:2015 ACCREDITED

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