

# RITEPOWER

## 10000 PORTABLE BATTERY POWERED GENERATOR

### RP10000 BATTERY GENERATOR



#### RATED OUTPUT

5.0kW pure sine wave inverter  
(Surge rating 6.5 kW 10 mins 9 kW peak)

#### AC OUTPUT

Single phase 230V @ 22A for 1.5 hours continuous

#### AC CHARGING

1 x 220-240V AC 16A input  
Recharge time 2-3 hours  
depending on current limit settings

#### OUTLETS

1 x 240V 32 amp outlet  
2 x 240V 16 amp outlets  
2 x 240V 13 amp 3-pin outlets  
6 x RCBO circuit breakers  
1 x earth point  
1 x Generator hybrid connection  
2 x 5V DC USB outlets

#### SAFETY

Non-combustible aluminium enclosure  
Recommended storage temperature: -20°C to 40°C

#### CASE MECHANICAL SPECS

Weight: 147Kg  
Four wheel (two stationary, two swivel) polymer casters  
Dimensions (L x W x H) 84 x 77 x 79cm

#### CARBON OFFSET EQUIVALENT

Offsets up to 40Kg of CO<sub>2</sub> for 8 hours of operation

#### CAPACITY

7700 Wh (7.7kWh)  
Lithium LiFePO4  
Up to 5,000 recharge cycles

#### OPERATING CONDITIONS

Operating temperature (discharging): -20°C to 50°C  
Operating temperature (charging): 0°C to 40°C



## SYSTEM ENERGY MONITOR

Load	Watts
Capacity of battery	Percentage & graphic
Estimated duration remaining	Hours / minutes
Estimated recharge time	Hours / minutes
Battery voltage = Volts	Current Flow = Amps



## LED CONTROL PANEL

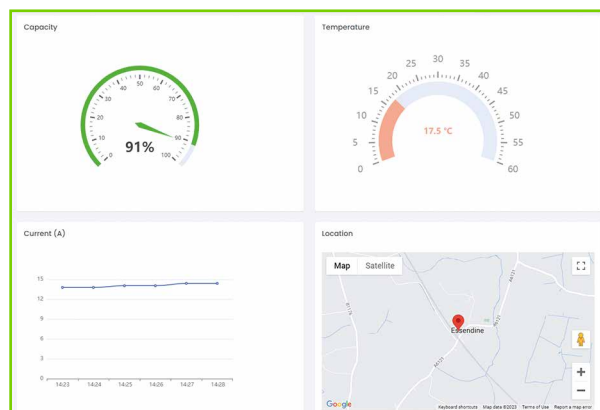
Shows:

- Recharge status (bulk / adsorb / float)
- Inverter status
- On / off / overload / low battery / temperature
- Input current control (to limit charge rate on low power supply)

## OPTIONAL EQUIPMENT

### 1) SOC Data

- Independent remote state of charge telemetry system
- User interface via web portal
- Typical data:
  - Load
  - Battery status
  - Remaining run time
- User can set alerts for:
  - Low battery
  - Time to run
  - Overload



The alerts provide proactive control of generators and avoids any power run outs. System includes GPS tracking with geo fencing alerts for security and management.



### 2) Rough terrain transport wheel set

Retrofittable to all units.