RITE POWER

20000 PORTABLE BATTERY POWERED GENERATOR

RP20000 BATTERY GENERATOR

RATED OUTPUT

10.0kVA pure sine wave inverter
(Surge rating 13 kW 10 mins 18 kW peak)

AC OUTPUT

Single phase 230V @ 42A for 1.5 hours continuous

AC CHARGING

1 x 187-265V AC 32A input
Recharge time 2-3 hours
depending on current limit settings

OUTLETS

4 x 240V 32 amp outlets
4 x 240V 16 amp outlets
1 x 240V 13 amp 3-pin outlets
RCBO circuit breakers on each outlet
1 x earth point
1 x Generator hybrid connection
Dual 5V DC USB outlets
Optional solar connection

CAPACITY

15400 Wh (15.4kWh)
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

SAFETY

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

CASE MECHANICAL SPECS

Weight: 265Kg
Four aluminium wheel (two stationary, two swivel) with polyurethane casters
Dimensions (L x W x H) 115 x 78 x 78cm

CARBON OFFSET EQUIVALENT

Offsets up to 80Kg of CO_2 for 8 hours of operation

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

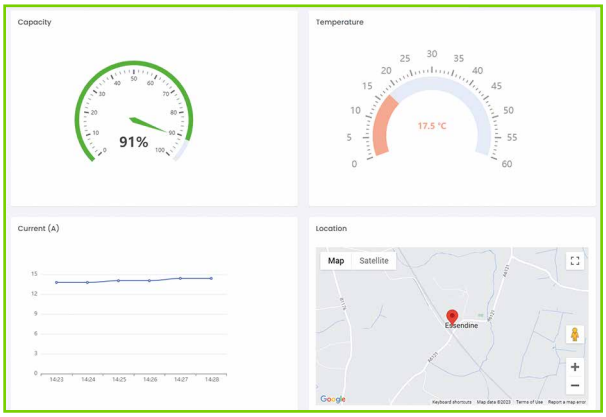
Shows:

- 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.