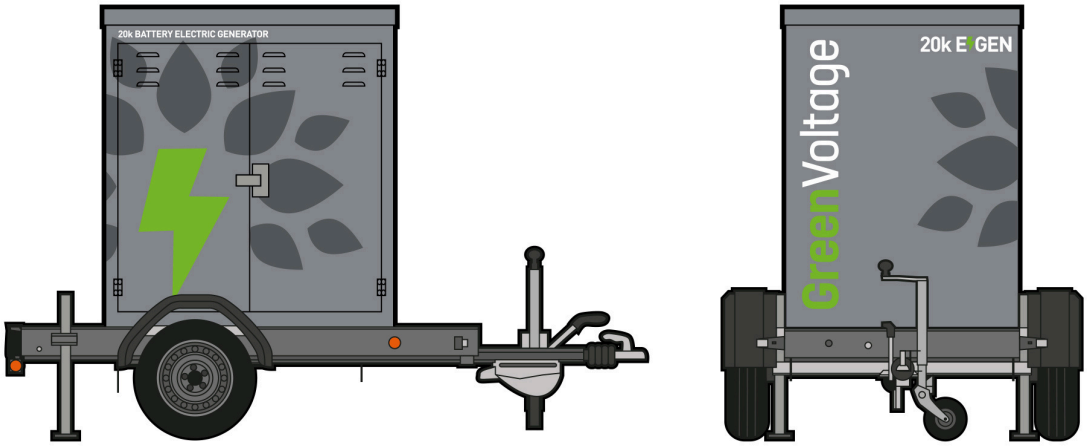
GreenVoltage

RAPID CHARGE CYCLE
SILENT OPERATION
COMPLETELY EMISSION FREE
RELIABLE PERFORMANCE
COMPACT, PORTABLE DESIGN

EGEN50K® 120kWh

230V



POWER OUTPUT & PERFORMANCE

Designed to provide reliable, clean power.
Rated Output: 50kVA Pure Sine Wave Inverter.
Maximum Power: 40kW.
Voltage: 230V Single Phase.
AC Output Configuration: 1 x 125A, 2 x 63A, 2 x 32A, 4 x 16A

STORAGE & CHARGING

Charging Input: 63A / 125A Single phase.
Charging Speed: Rapid charge cycle (5 hours).
Battery Chemistry: Lithium-Ion Phosphate (LiFePO4), ensuring safety and durability.
Capacity: 120kWh.

PHYSICAL SPECIFICATIONS & SAFETY

Weight: 2100kg (including the trailer).
Operating Temperature: -20°C up to 40°C.
Storage Temperature: Recommended 10°C - 30°C.
Build: Non-combustible Aluminium Enclosure.
Mobility: Compact design on a brake-assisted trailer

SMART CONTROL & TELEMETRY

Local Interface: Full system control via an integrated 7-inch touch screen.
Remote Management: Complete online control capabilities, allowing for operation from any location.
Advanced Telemetry: Access to real-time telemetry to monitor current performance, as well as online historical datafor long-term efficiency analysis.

EFFICIENCY & SUSTAINABILITY (HYBRID MODE)

Hybrid Auto Start: Automatically switches off diesel generators during low load periods to maximize efficiency.
Carbon Savings: Potential saving of 215kg of carbon per day (1.5 tons per week)
Operation: Silent and completely emission-free

CARBON OFFSET EQUIVALENT

Offsets 160kg of CO_2e for 8 hours operation

Follow us and find out more:

@greenvoltageuk
@greenvoltageuk

Green Voltage Limited
0800 292 2251
info@greenvoltage.co.uk
greenvoltage.co.uk
getgreenvoltage.com

DATA SHEET EGEN20K