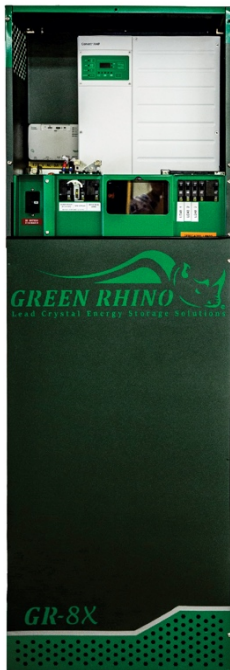


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8.64KWh HOME-S4- EU DATASHEET

www.greenrhino-energy.com



IT'S WHAT WE DO.

OUR BUSINESS

Green Rhino exclusively provides power systems to the public which can supply from 100W to 100MW by use of the lead-crystal battery technology.

BUILT ON THE EXCEPTIONAL LEAD-CRYSTAL BATTERY

A battery technology that is 100% safe, fast-charging, maintenance-free, long lifetime at high temperature, and priced just right.

The philosophy of Green Rhino is to develop systems with a homogenous platform. This consistent design methodology based upon years of experience, makes our energy systems as indestructible as the rhino in Green Rhino Energy.

Green Rhino empowers your energy independence into a renewable and commercial success.



Lower CAPEX, lowest OPEX, and increase ROI



Proven technology (7+ years of development)



Secure supply chain and assembly in USA

Technical Specifications

| | |
|------------------------------|---|
| Model | GR-HOME-S4-EU |
| Dimensions | (W x B x L): 1.27 x 0.61 x 0.36 m (50x24x14 in) |
| Weight | 274kg (604lbs) loaded |
| AC Output | 50/60Hz 230 VAC |
| Power | 3.8kW (7kW @ 5s) 0.6 to 1.0 (PF) |
| Efficiency | 97% battery 92% inverter |
| Phases | Single phase |
| Idle consumption | <11W |
| Transfer time | <1 cycle (20ms)* |
| Electrical insulation | 2000VAC, 1 Minute |
| Cooling | Forced convection |
| Storage | 8.64kWh gross |
| Altitude | <2000m (6562ft) |
| Effective storage | 2890W @ 1.6 hrs 1670W @ 3.2 hrs 750W @ 8 hrs 410W @ 16 hrs |
| Working temperature | -20 to 60 °C with derating (-4 to 140 °F) |
| Relative humidity | 0-95%, non-condensing |
| Lifetime | 5 year design @ 25°C 1507 cycles, 80% DoD |
| Safety | UL1741, UL1778, CE |

*May cause sensitive electronics interference

Specifications subject to change without notice.

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CHECK OUT THESE KEY FEATURES.



Remote/Back-up power

The Home S4 is perfect for more demanding remote-power or backup loads like computers, refrigeration, and similar appliances. The higher operating temperature and 230VAC European inverter makes this an attractive solution.



Forced ventilation

The Home S4 has excellent cooling which allows the system to operate in high ambient temperature with high reliability.



Long life at temperature

The lead-crystal batteries are excellent performers at extreme temperatures when others fail. The battery lifetime is more than 250% of similarly priced batteries at deep discharge.

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