

Green Rhino Energy Solutions
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9.3KWh LEISURE-A4 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-LEISURE-A4 |
| Dimensions | (W x B x L): 1.32 x 0.61 x 0.36 m (52x24x14 in) |
| Weight | 274kg (604lbs) loaded |
| AC Output | 50/60Hz +/- 0.3Hz 100-110-120 VAC or 220-230-240VAC +/- 10% RMS |
| Power | 4kW (12kW @ 20s) 0.9 to 1.0 (PF) |
| Efficiency | 97% battery 88% inverter |
| Phases | 1 phase, bypass |
| Idle consumption | <80W |
| Distortion | <10% THD |
| Transfer time | 6-8ms typical 10ms (max) |
| Electrical insulation | 2000VAC, 1 Minute |
| Protection | AC input protection Overtemperature Overload Short circuit Back-feeding |
| Cooling | Forced convection |
| Storage | 9.3kWh gross |
| Protection | IP54 (NEMA 3) |
| Effective storage | 2700W @ 1.6 hrs 1550W @ 3.2 hrs 660W @ 8 hrs 340W @ 16 hrs |
| Working temperature | -25 to 50 °C (-14 to 122 °F) |
| Relative humidity | 0-95%, non-condensing |
| Lifetime | 5 year design @ 25°C 1507 cycles, 80% DoD |

Specifications subject to change without notice.

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CHECK OUT THESE KEY FEATURES.



Remote/Back-up power

The Leisure A4 is perfect for more demanding remote-power or backup loads like computers, refrigeration, and similar appliances. The higher operating temperature and selectable operating voltage of 120/240VAC makes this an attractive solution.



Forced ventilation

The Leisure A4 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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