

## Innovations in Power & Reliability

The RCML893-G model replaces the traditional diesel generator with a sophisticated **Hybrid-Green Power System**:

- **Reliable Performance:** A dedicated bank of rechargeable batteries provides stable DC power, optimizing the performance of the LED lighting and reducing potential power issues.
- **On-Demand Power:** The gasoline-fueled generator only operates when the batteries require a recharge, ensuring maximum efficiency and minimal noise pollution.
- **Operational Benefits:** This advanced system delivers enhanced equipment longevity, significantly reduced operational costs, and simplified maintenance routines.

## Performance & Value Comparison

A side-by-side comparison reveals the dramatic advantages of the RCML893-G over equivalent diesel models based on real-world test data:

Metric	LED Hybrid Unit (RCML893-G)	Diesel Unit Equivalent
Generator Run Time	344.9 Hours	2472 Hours
Fuel Usage	135.1 Gallons	679.8 Gallons
Operational Efficiency	11 Days Per Tank (Avg.)	5 Days Per Tank (Avg.)
Maintenance Savings	0 Hours Downtime	10 Hours Downtime
Bulb Outages	0 Outages	12 Outages
Long-Lasting Bulbs	25,000 Hours (Bulb Life)	4,200 Hours (Bulb Life)

**Key Takeaway:** The RCML893-G hybrid system delivers more than **85% reduction** in generator runtime and fuel consumption compared to standard diesel units while eliminating maintenance downtime and bulb failures.