**Benefits**

- Superior performance
- Reliable source of power
- Versatile application support
- Scalable to meet specific power and energy needs
- Sustainable optimization of renewables and generators

**Performance**

High-performance zinc bromide flow battery modules (ZBM) provide high energy density and best performance in deep discharging applications. ZBMs operate at 100 percent and partial charge, discharge without degradation, and feature longer life, lower life-cycle costs and a superior temperature range for operations.

**Reliable**

The RK10 brings vital reliability with uninterrupted power for remote locations, disaster recovery support, and critical operations for military bases, telecommunications, first responders, and hospitals. It is a solution for immediate backup power during grid outages, and delivers the ultimate power and energy reliability and quality.

**Versatile**

Configurable applications for the RK10 include firming, ramping, time-shifting, peak shaving and load following, plus an intelligent control system with advanced algorithms for enhanced energy efficiency. The RK10 easily integrates with renewables, generators and smart grids.

**Scalable**

With our modular approach, the Raytheon family of energy storage systems scales for higher power and increased energy. Systems range from 10 kW to 100 kW to support customer-specific power and energy needs.

**Sustainable**

- Optimize solar and wind energy
- Reduce diesel fuel consumption
- Replace generators and reduce run-time
- Reduce emissions

The RK10 provides advanced energy storage capability in a modular, configurable and scalable solution. Our turnkey energy storage system supports widespread use of renewable energy, enhances smart power grids, provides power to remote sites and helps resolve power shortages after natural disasters. The RK10 compact footprint includes an inverter, battery storage, power electronics and cooling, control and monitoring equipment.
The RK10 is designed to handle full and partial charge/discharge cycling. Remote control and monitoring allows you to access your system anytime, anywhere. Contact us today for a demonstration.

**Technical Specifications**

**Enclosure**
- Powder-coated mild steel with steel base
- Rated NEMA 4X

**Output**
- 208/240 VAC, 60 Hz single-phase *
- Power: 10 kW continuous
- Energy: 40 kWh
- Operating temperature range: +14° to +122° F
  (-10 to 50° C)

* Optional three-phase available

**Zinc Bromide Module (ZBM)**
- Output: 120 V dc nominal
- Efficiency: 70–75% (dc)
- Capacity: nominal 200 Ah

**Safety**
- Hazard class 8 (electrolyte)
- Safety Data Sheet available

**Communications and Interfaces**
- RS485
- Ethernet 10/100
- 3G modem

**Inverter Certifications**
- Utility compatibility rated UL 1741 compliant
- Power factor rated IEEE 1547 compliant