

SALES GUIDE

Reliable Solutions for Maximum Uptime

russelectric.com



Ruselectric Value Proposition

Ruselectric ensures your operations stay running—delivering reliable, customizable power solutions backed by Siemens innovation.

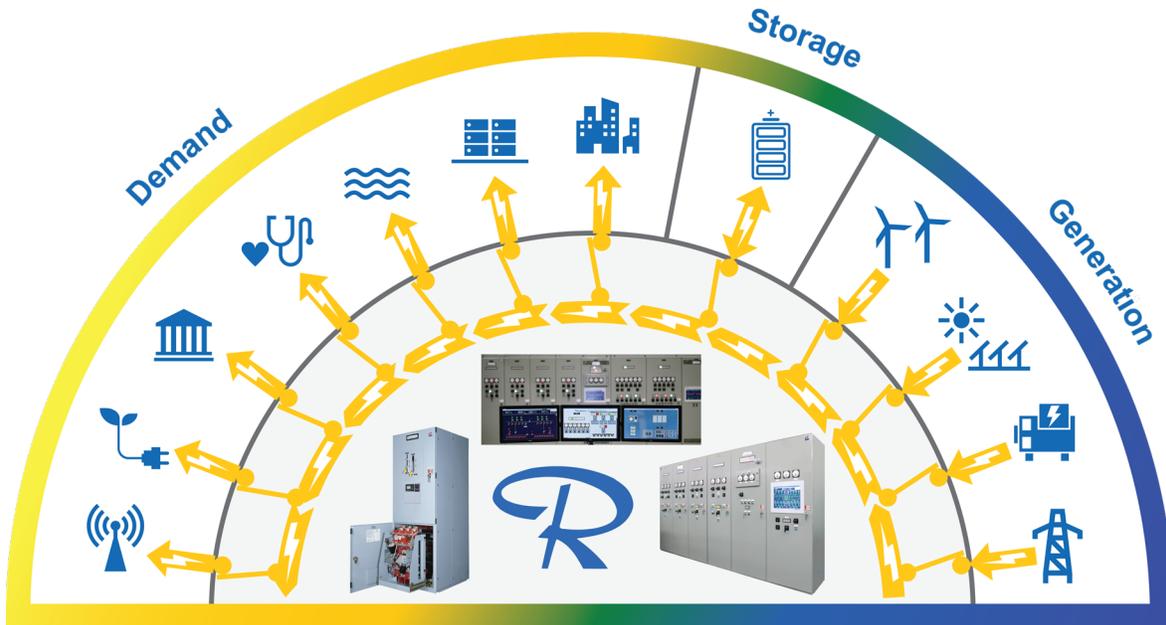
We combine rugged, industry-leading designs with tailored digital solutions and 24/7 expert support to provide operational continuity, efficiency, and resilience. Supported by Siemens' global innovation and commitment to sustainability, Ruselectric helps customers thrive in a rapidly evolving, digitalized energy dependent landscape.

Why Ruselectric?

Downtime costs millions—and puts lives and reputations at risk.

When power reliability is non-negotiable, Ruselectric stands out. Our solutions provide optimal power resiliency, protecting revenue, safety, and compliance. From hospitals and data centers to industrial facilities, Ruselectric delivers operational resilience, backed by advanced monitoring and 24/7 expert support.





Key Differentiators

- **Tailored Solutions for Your Site:** Custom configurations that fit your unique requirements
- **Versatility Across Applications:** Low- and medium-voltage options for any industry
- **Strict Adherence to Safety & Compliance:** UL and NFPA certifications
- **Fail-Safe Bypassing Under Any Condition:** Rugged mechanical design ensures performance in extreme environments
- **Proven Reliability You Can Trust:** Decades of success in mission-critical environments
- **Faster Installation = Quicker ROI:** Rapid commissioning reduces downtime and accelerates returns
- **Standard Redundant Designs:** Reducing single points of failure with robust engineering
- **Order Management and Project Management,** to satisfy deliverables and exceed customer expectations
- **Highest Withstand Ratings**
- **Best Warranty**
- **Service Organization that is specialized in power control systems**

Customer Benefits

- **Maximize Power Uptime for Critical Facilities:** Hospitals, data centers, and industrial plants stay operational 24/7
- **Regulatory Compliance:** Meet and exceed stringent safety and reliability standards effortlessly
- **Operational Efficiency:** Reduce installation time and maintenance costs
- **Product longevity and Lifecycle support:** Ongoing expert partnership - from project concept to equipment commissioning to product maintenance and upgrades
- **Enhanced Control & Security:** Real-time monitoring and diagnostics to prevent costly failures
- **Flexible Transition Options:** Open, closed, and programmed transitions for operational flexibility

Protecting the Most Critical Facilities with the Most Uncompromising Power Control Critical Systems

Today's businesses include a lot of sensitive equipment. To a large extent they govern and control virtually all operations of large companies. They are so critical that a crash or shutdown due to a loss of power could have disastrous results affecting life, property, and in some cases the survival of the company.

The objective in these critical facilities is 100% uptime. It can only be achieved if power is controlled and protected with systems beyond the codes, proven to be of the absolute highest integrity and dependability.

Automatic Transfer Switch Systems for:

- Microgrids
- Emergency generator control with load control optimization
- Emergency generator control with utility paralleling
- Prime power
- Cogeneration generator control
- Low-voltage (600 volt) and medium-voltage (5 kV and 15 kV) applications
- Custom job specific SCADA with available training simulators
- UL 1558 or 891 Low Voltage Construction
- Best Warranty in the Industry



LV Paralleling Switchgear



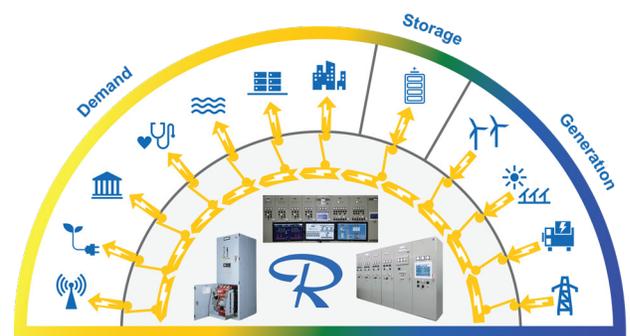
Automated and redundant manual control standard



Customized SCADA, job specific



Available SCADA Training Simulators



Turnkey Software/Hardware Microgrid Solutions

The Most Uncompromising and Rugged Transfer Switches Available on the Market

Today's businesses include a lot of sensitive equipment. To a large extent they govern and control virtually all operations of large companies. They are so critical that a crash or shutdown due to a loss of power could have disastrous results affecting life, property, and in some cases the survival of the company.

The objective in these critical facilities is 100% uptime. It can only be achieved if power is controlled and protected with systems beyond the codes, proven to be of the absolute highest integrity and dependability.

Automatic Transfer Switch Systems for:

- UL-1008 and 1008a Listed and Labeled Designs
- Best Warranty in the Industry
- Full Line of 30 cycle rated, ATS's and Bypass/Isolation Switches
- The most Features and Options in the Industry,
- Emergency or Maintenance Bypass Switches Offered
- Highest WCR's, applicable to every manufacturer's circuit breakers
- Most rugged designs using superior materials from resilient supply chain providers
- Best design philosophy utilizing the best methods of engineering and manufacturing



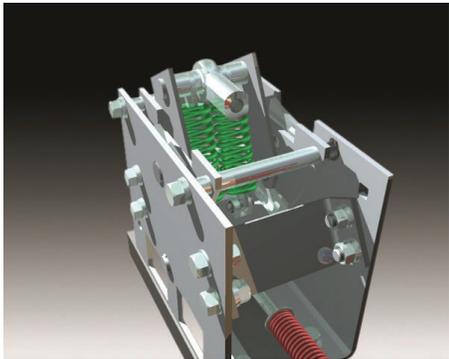
30 Cycle Rated Bypass/Isolation Switch



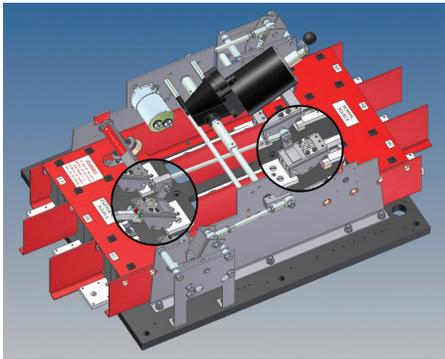
3 Cycle Rated ATS



External Manual Operator



Highly Reliable Over-Center Mechanism



Highly Reliable Mechanical Interlock for Open Transition (shown in cut-out)



Modern RPCTS Controller
Outdoor Rated with Full Color Display

3-, 30-Cycle Closing and Withstand Ratings		
RMS Symmetrical Amperes 480 VAC*		
UL Tested, Listed, and Labeled Under UL-1008		
Switch Size amperes	Closing and Withstand Rating amperes	
	3-Cycle	30-Cycle
100-400	42,000	30,000
600-800	65,000	42,000
1000-1200	85,000	65,000
1600-3000	100,000	85,000
4000	125,000	100,000*

* Consult factory.

24-7, 365 Factory Direct Service and Aftermarket Support



The Russelectric commitment is to keep our customers up and running with dependable power. To do this, Russelectric maintains a large staff of highly trained, service engineers and technicians with vehicles equipped with spare parts. These people, who operate out of a network of strategically located service centers, are on call 24 hours a day, seven days a week and have both the commitment and authority to do whatever is required to keep systems up and running.

Aftermarket Upgrades

- System Audit and Inspection to assess overall equipment condition and advise steps to upgrade
- ATS Control Upgrades to bring ATS's up to contemporary standards



Conclusion

Russelectric's solutions deliver unmatched reliability, flexibility, and compliance for ultimate reliability of your mission-critical power control systems.

By choosing Russelectric, you invest in a long term partner providing solutions that ensure operational continuity and safety.

Contact Russelectric for all your critical power needs.
www.russelectric.com

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