



## CONTAINERIZED ENERGY STORAGE

High Current, Adjustable Voltage, Pulse/Continuous Power Source

### DESIGN FEATURES

- + Programmable Regulated Output: 270 - 650 VDC
- + Up to 4,000A DC Output
- + All SiC Module Design
- + 5 Strings, 150 kW/String (Lead Acid Batteries) - 750 kW Power
- + 8 Strings, 300 kW/String (Li Batteries) - 2.4 MW Power
- + Dual Parallel Conex Configuration - 1.5 MW Total Power (Lead Acid)
- + Dual Parallel Conex Configuration - 4.8 MW Total Power (Li)
- + Input Control Power: 480 VAC 3-Phase



### HARDWARE FEATURES

- + Highly Maintainable Cabinets & Conex Layout
- + Climate Controlled
- + Air Ride Trailer
- + Internal 13 Ton Chilled Water Cooler & External Hook Up Option
- + Line Replaceable Unit (LRU) Serviceability
- + Local & Remote Control

### ENERGY STORAGE

- + Scalable & Upgradable: Single/Dual Conex Configurations & High Energy Discharge Media
- + Multiple Battery Vendors with Common Interface.
- + Up to 8 Battery Cabinets Can Be Connected In Parallel

### SPECIFICATIONS

- + Conex Dimensions: H: 114" W: 76" L: 40'
- + Conex Weight: 52,000 lbs
- + Volumetric Power Density: 0.106 MW / m<sup>3</sup>
- + Gravimetric Power Density: 7,113 lbs. / MW

### REGULATORY COMPLIANCE

- + Commercial & Military Tailoring

### SAFETY & PROTECTION

- + Inclement Weather Resistance
- + Door Safety Interlocks
- + Fire Detection System

### APPLICATION

- + Military & Commercial

e: [bd@rct-systems.com](mailto:bd@rct-systems.com)

o: 410 694 8044

1705 Twin Springs Road, Suite 107  
Baltimore, MD 21227

