

DID YOU KNOW?

CYBEREX® OFFERS A COMPLETE LINE OF PRODUCTS FOR CUSTOM INDUSTRIAL APPLICATIONS

CYBERWAVE CI Series



The market leader for nearly 50 years, Thomas & Betts Power Solutions offers a true online, double conversion UPS System developed to IEC standards as an optimal and cost effective solution for applications in oil and gas, power generation, and heavy manufacturing processes.

KEY TECHNICAL SPEC ADVANTAGES:

- Lowest Input THD Reflected**
 The CI has the lowest THD content due to the separation of the rectifier and battery charger, which allows the rectifier to simply convert AC power to DC power to power the inverter.
- OPTIONAL IGBT Based Rectifier**
 Cyberwave CI has the option of an IGBT based rectifier, using a PWM converter which significantly reduces the harmonics to <5% and increases the input power factor to unity.
- Lowest Ripple on Battery From DC Bus**
 The system architecture in the CI product family separates the DC bus from the battery bus which enables minimal ripple to be reflected on the battery.
- Unmatched Industry Input Voltage Range**
 The Cyberwave CI has one of the highest input voltage ranges in the industry, ranging from +15% to -25%, which results in increased battery life and efficiency.
- State of the Art Inverter Design**
 The inverter within the Cyberwave CI encompasses a modular design with low inductance bus work and ultra low inductance IGBT based inverter which utilizes PTC devices only.
- Enhanced Communications Options**
 Remote communications or monitoring can be achieved via LAN/WAN including safe system shutdown of the facility through SNMP or any building management.

For more information please contact
 Lina Salah, Product Manager
lina.salah@tnb.com

WWW.CYBEREX.COM

Thomas & Betts Power Solutions

5900 Eastport Blvd., Bldg. V • Richmond, VA 23231-4453
 T: 804.236.3300 • F: 804.236.4841

Thomas & Betts

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