



CHP+

An Integrated Solution For Your Facility's Heat + Electrical Power

CHP+: Combining CHP and Boilers

CHP+ brings together two energy leaders, Aegis Energy, EDF Group and Mestek, combining their unparalleled expertise and technologies for a synergistic energy solution suitable for buildings of most any size and projects of varying scope. Customizable and scalable, the CHP+ system brings together a CHP system and a Futera boiler system featuring HeatNet 3.0 control software for a complete solution that is as intuitive as it is resilient.

Offering continuous operation, and performing to meet even the most demanding electrical and thermal load requirements, CHP+ is perhaps the most versatile and efficient system on the market today.



HEATNET[®] 3.0



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A versatile, efficient and sustainable solution for today's modern facilities.

Features

- EPA-certified, natural gas-fueled engine, conforming with the Clean Air Act
- RBI HeatNet 3.0 Boiler Management System fully integrated with Aegis CHP control system
- RBI Futera boiler(s) with a CSA thermal efficiency rating of 88%
- Operates in sync with the grid to ensure electricity and heat during power outages
- Highly efficient cogeneration system applicable for most types of buildings
- Innovative and intuitive HMI displays and interfaces
- 24/7 remote operational monitoring
- Operates individually or in combination with existing mechanical and electrical systems
- Integrates in conjunction with other renewable energy sources and microgrid applications
- Standby power with grid-independent operation
- Modbus networking capability BACnet Profibus
- Meets UL 2200 and 1741 compliance standards
- Utility grade electrical protection relay as standard equipment



24/7, 365 Resiliency



Green



Energy Savings

Product Specifications

Electrical Output	35kW–100kW
Thermal Output	500 MBH–10,000 MBH
Overall Efficiency	88%
Max Output Water Temperature	230° F
Max Return Water Temperature	180° F
Weight	~10,270 lbs* *Customized configurations available
Dimensions of Module	21'1 x 5'w x 6.5'h (as shown)* *Customized configurations available
Acoustic Level	70 dBA @ 20'
Output Voltage	208 V or 480 V nominal, 3 phase, 4-wire
Engine	EPA-certified, V8 natural gas engine
Boiler	CSA-certified, non-condensing hot water boiler(s)
Standby Capacity	75kW/100kVA



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