

Savings and Performance You Can Count On



24/7, 365 Resiliency



Green



Energy Savings

PowerSync PS-75: The most dynamic cogeneration experience on the market

With its advanced synchronous technology, the PowerSync PS-75 reflects the energy efficiency and resiliency that made Aegis the leader in the CHP industry. Unlike most standby generators, with reliability that is unknown until they are needed, PowerSync has continuous operation, so there is never any question whether electricity will be available in the event of a power outage. Along with its performance for the most demanding electrical and thermal load requirements, perhaps PS-75's most versatile feature is its unprecedented scalability.

Features

- EPA-certified, natural gas-fueled engine, conforming with the Clean Air Act
- NYSERDA approved CHP technology
- Operates in sync with the grid to ensure electricity and heat during power outages
- Highly efficient cogeneration systems 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
- Field-evaluated to UL 2200 and 1741 compliance standards
- Utility grade electrical protection relay as standard equipment



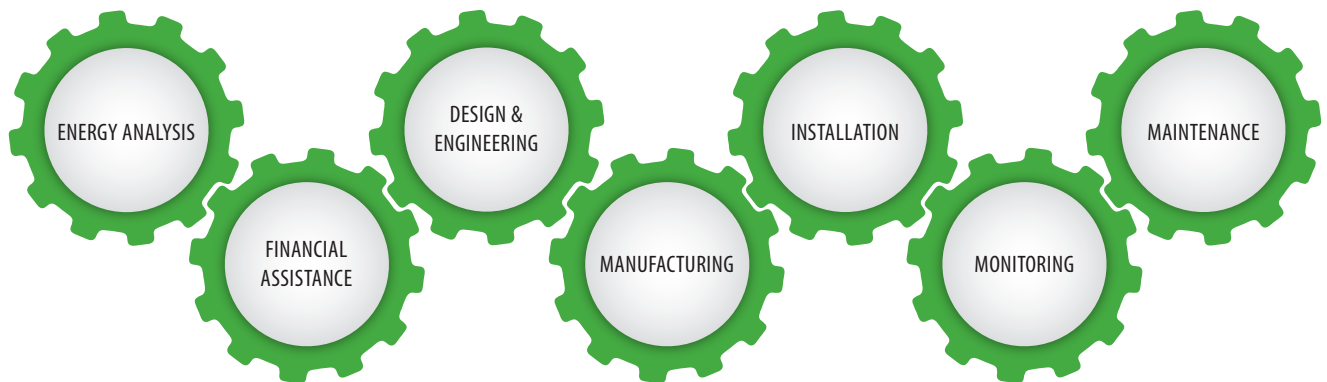
**Contact Aegis today at 877.903.5170
to start your savings analysis!**

PS-75 Specifications

Electrical Output	75kW
Thermal Output	523,000 BTU/Hour
Gas Input	930 standard cubic feet per hour (SCFH)
Required Gas Pressure	4"–14" WC
Overall Efficiency	82.1% at HHV of 1,020 BTU/SCF, 92.6% at LHV of 905 BTU/SCF
Max Output Water Temperature	230° F
Max Return Water Temperature	180° F
Weight	3,450 pounds
Dimensions of Module	98"l x 54"w x 48"h
Acoustic Level	70 dBA @ 20'
Output Voltage	208 V or 480 V nominal, 3 phase, 4-wire
Emissions	Aegis PowerSync PS-75 model meets EPA and state applicable air quality standards and requirements
Engine	EPA-Certified, V8 natural gas engine
Standby Capacity	75kW/100kVA

The Aegis Advantage

Unlike many other CHP providers in the industry, Aegis provides a single source of accountability. Immersed in your project beginning with consultation and concept, you can count on Aegis to maintain the same level of responsiveness and commitment through to construction, completion and beyond. No outsourcing of engineering, manufacturing or maintenance or expertise of any kind.



NYSERDA

