

Aegen PowerSync

Daily energy savings AND standby power...
with just one machine.



When the grid goes down, keep your building up and running with black-start capable Aegen PowerSync.



Emergency heat and power during grid power failure.

Never lose power again!

The PowerSync provides your building with everyday energy savings while remaining available for emergency power in the event of a grid power failure.

Designed by Aegis Energy Services, the leader in small modular Combined Heat & Power Systems, the PowerSync is engineered to interface with utility radial networks.

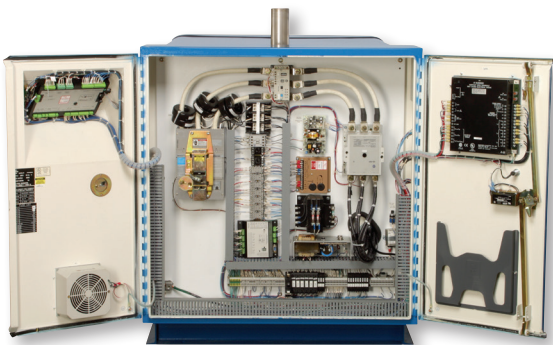
Unlike standby generators, which are only activated in the event of a power outage, PowerSync operates continuously in parallel with the grid, delivering 24/7 energy savings from its advanced synchronous CHP technology.

When a central power grid failure occurs, PowerSync continues to operate, automatically switching its electrical output to the load priorities pre-selected by the building management. **Your building continues to operate!**

With continual operation of PowerSync and remote monitoring of the system by the manufacturer, there is never any question as to whether or not vital standby electricity will be available in the event of an outage.

Simple standby generators produce no energy savings and their reliability is unknown until that time when they are actually needed. In the meantime, these generators sit idle, requiring capital, floor space, and maintenance. Why tie up vital resources when Aegen PowerSync modular CHP systems could be delivering energy savings every day AND providing peace-of-mind security in the event of an outage?

Contact Aegis Energy Services today for a free energy analysis!



Utility Interconnection and Switchgear



One system does it all!

AEGIS
ENERGY SERVICES, INC.

55 Jackson Street, Holyoke, MA 01040 • (413) 536-1156 • (413) 536-1104 (fax)
Website: www.AegisEnergyServices.com • Email: Aegis@AegisEnergyServices.com

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Characteristic	Prime Mover
Electrical Power Output	75KW
Thermal Output	523,000 BTU/Hour
Gas Input	930 Standard cubic feet per hour (scfh)
Required Gas Pressure	10 to 14 inches water column
Efficiency	82.1% at HHV of 1,020 BTU/SCF
Max Output Water Temperature	230°F
Weight	3,050 pounds
Suspension	Vibration isolation mounts
Dimensions	46" width x 89" length x 49" height
Acoustic Level (enclosed)	70 dba @ 20'
Output Voltage	208 V or 480 V nominal, 3 Phase, 4-wire
Emissions	Aegen PowerSync model meets stringent air quality standards and requirements.

Features

- Reliable, proven, EPA-recognized technology
- Highly efficient
- Environmentally sound with low emissions
- Quiet operation
- Modular – scaleable into larger systems
- Compact – easily fits in most buildings
- Indoor or outdoor installation (with enclosure)
- Ease of installation – no business disruption
- Remote monitoring and control
- Digital display and user-friendly interface
- Infinite system life with maintenance program
- Electric and thermal load following
- Modbus compatible for networking with building automation systems
- NYSERDA approved
- Provides electricity and heat during power outages
- Installed by Aegis Energy Services with 28 years experience and proven track record of 500 CHP systems