

GRIDIRON

PowerPlant H24



HEAT



POWER

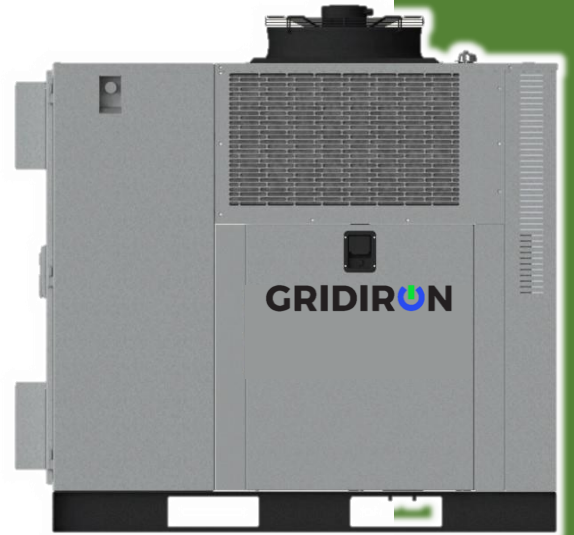


SAVE

Provides heat, hot water and power between outages to reduce your energy bills.

- displaces electric loads of heating
- produces more power
- enables renewables during utility interruptions

AND acts as a backup generator when the power goes out.



What is PowerPlant?

PowerPlant is a combined heat and power unit that runs on natural gas or propane. It reduces your electrical consumption and increases your energy efficiency since it runs heating systems (space and water) and produces electricity simultaneously. And if the power goes out, it acts as an automatic backup generator in addition to still running your heating.

By performing heating and power functions simultaneously, PowerPlant increases the net result of the fuel used. The result is clean, dependable and inexpensive energy compared to the frail, inefficient electric grid. This leads to energy savings, increased efficiency, power outage resiliency and a lower carbon footprint versus the grid.

Money Saving

- lowers electric bill
- co-generation
- efficient
- localized energy
- grid independent
- net-metering

Resilient

- auto backup
- enables renewables

Green

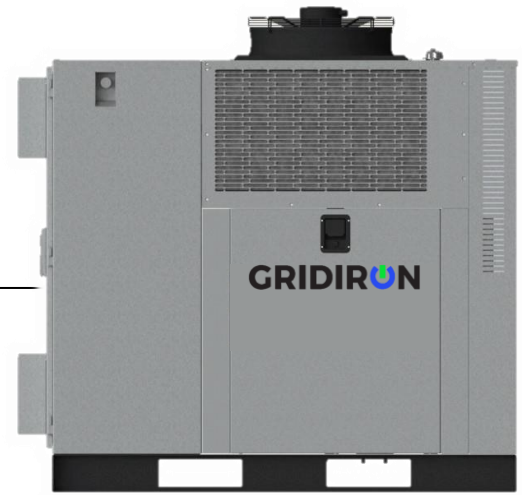
- renewable friendly
- uses clean natural gas or propane
- lowers carbon footprint



PowerPlant H24

Heat and power - all from one appliance.

Money Saving. Resilient. Green.



PRODUCT SPECIFICATIONS

Model	PowerPlant H24	
	Continuous	Intermittent
Electrical Output		
Rated Output	20 kW (100%)	24 kW (125%)
Output Voltage	120/240V - Single Phase OR 208V, 240V or 480V - Three Phase	
Output Frequency	60 Hz (specs listed here) OR 50 Hz (consult factory)	
System Output*		
CHP Performance		
Electrical Output (BTU/h)	68,240	85,300
Nominal Hydronic Heat Output (BTU/h)	79,734	99,781
Max Hydronic Heat Output (BTU/h)**	113,906	142,544
Fuel Consumption (BTU/h)***	227,812	285,088
Electrical Efficiency	30%	30%
Max Heat Recovery Efficiency	50%	50%
Total Max CHP Efficiency	80%	80%
Hydronic Parameters		
Outlet Water Temperature (optional)****	Up to 175°F	
Other		
Engine	Internal Combustion	
Fuel Type	Natural Gas / Propane	
Fuel Pressure	3 - 14" WC	
Sound Level	58 dBA / 62 dBA with radiator fan on	
Communications	Ethernet - Remote system monitoring / Networking	
Battery Type	NA	
Dimensions - in. (L x W x H)	79" x 35" x 76"	
Weight	1,020 lbs (463 kg)	
Warranty	2 Years	

*System output is based on 480 V operation

**With secondary exhaust gas heat exchanger option

***Lower Heating Value

****Requires auxiliary circulating pump

Specifications subject to change without notice.

Your local GRIDIRON Dealer:

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