

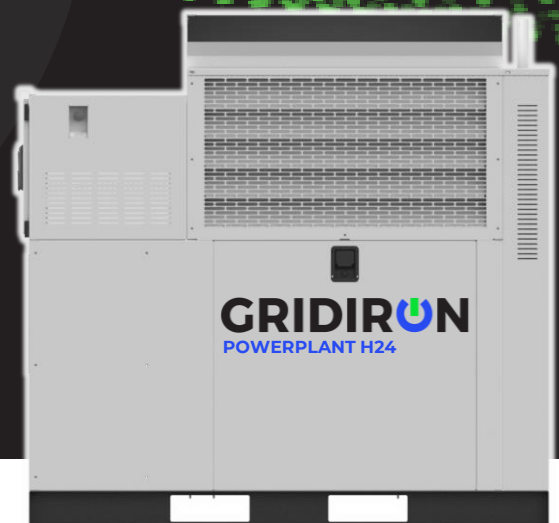
## POWERPLANT H24

HEAT / POWER / SAVINGS / RESILIENCY

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

- Displaces high-cost electricity from the grid
- Provides heat for air and water
- Enables renewables during utility interruptions
- Runs 24/7

Onsite power generation that's always on and on demand.



## 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 simply continues to operate - supplying you electricity and heat - 24 / 7.

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

- always on
- enables renewables

### Green

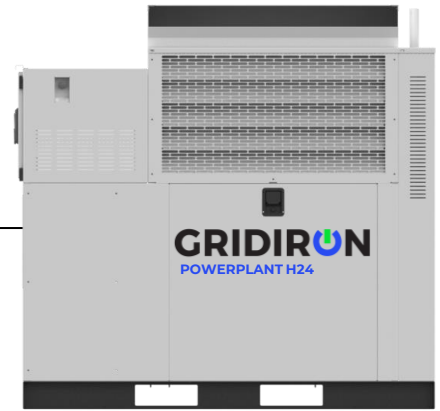
- renewable friendly
- uses clean natural gas or propane
- lowers carbon footprint



# POWERPLANT H24

HEAT / POWER / SAVINGS / RESILIENCY

## PRODUCT SPECIFICATIONS



Model	PowerPlant H24	
<b>Electrical Output</b>	Continuous	Intermittent
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)	
<b>System Output*</b>		
<b>CHP Performance</b>		
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%
<b>Hydronic Parameters</b>		
Outlet Water Temperature (optional)****	Up to 175°F	
<b>Other</b>		
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	

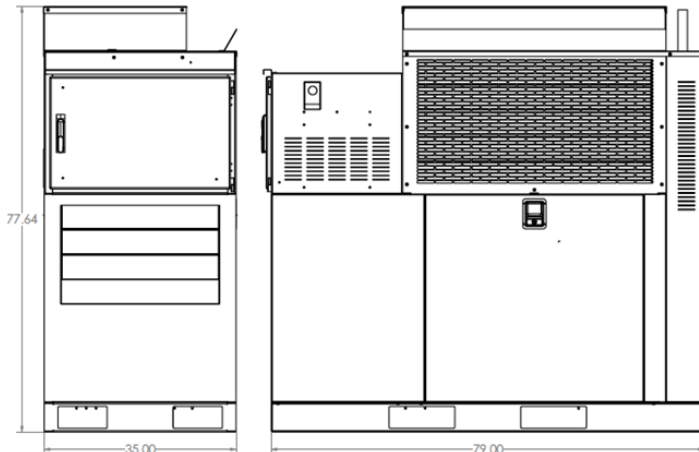
\*System output is based on 480 V operation

\*\*With secondary exhaust gas heat exchanger option

\*\*\*Lower Heating Value

\*\*\*\*Requires auxiliary circulating pump

Specifications subject to change without notice.



To learn more, find a dealer or become a dealer, visit [gridironenergy.com](http://gridironenergy.com)  
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# GRIDIRON

EMPOWERING ON-SITE ENERGY