

Be Your Own Utility[®]

ENGINUITY
POWER SYSTEMS

On-Site Combined Heat & Power Control Energy. Protect Operations. Improve ROI.

Grid instability is increasing. Electricity costs are rising. Enginuity's E200 system generates electricity and usable heat on-site — **delivering up to 85% total system efficiency** for high-demand environments.

More control. Less waste. Stronger resilience.



Power for Performance & Control

Traditional generators waste 55–70% of fuel energy. Enginuity systems turn that waste into value.



On-Site Electricity Production

Stabilize long-term energy costs.



Thermal Recovery

Convert waste heat into hot water or process energy.



Reduce Utility Dependence

Maintain continuous operations during outages and grid instability.



Fuel Optimization

Maximize usable output from every unit of natural gas.



3-Year / 8,000- Hour Engine &

Generator Warranty

The longest currently available in the CHP market.

E200 CHP System

**Compact. Commercial-Ready.
Engineered for Seamless Integration.**

- 180kW continuous electric output (200kW peak)
- Ultra-low NO_x emissions
- Available now in the U.S.



HOTELS & HOSPITALITY



HOSPITALS & HEALTHCARE



MANUFACTURING FACILITIES



LARGE-SCALE AGRICULTURE OPERATIONS



GOVERNMENT FACILITIES

Why E200?



Built for High-Demand Facilities

Engineered for organizations with significant energy requirements and mission-critical operations.



Fast ROI Through Energy Savings

Reduce utility costs and recover wasted thermal energy to improve project payback and long-term operating performance.



Resilience When It Matters Most

Maintain operations during grid instability and power outages with reliable on-site generation.



Industrial-Scale Performance

Deliver up to 200 kW of power and over 1 million BTUs of usable thermal energy for demanding applications.

200KW SPECIFICATIONS

ENGINUITY
POWER SYSTEMS

Electric Power Output	Peak	200kW
	Continuous	180kW
	Standby	150kW
	Voltage / Frequency	480VAC / 60Hz
	Output Wiring	3 phase / 4 wire
System Efficiency	Electric Generation Efficiency	31.3%
	Heat Recovery Efficiency	53.7%
	Overall Efficiency	85.0%
Engine	Manufacturer	Hyundai
	No. of Cylinder	6
	Aspiration	Turbo Charged Intercooler
Fuel	Fuel Types	Natural Gas, Propane*
	Fuel Pressure - Minimum	5 kPa (20 inch w.c.)
	Fuel Pressure - Maximum	40 kPa (161 inch w.c.)
	Fuel Consumption (flow)	57.5 m ³ /hr (33.8 ft ³ /min)
	Fuel Consumption Rate**	1,962,700 BTU/hr
	Fuel Connection Port Size	NPT 1-1/2" (40A)
Sound Level	Measured at 9.84ft (3m)	85 dBA
Dimension	Length	3,200 mm (126 in)
	Width	1,830 mm (76 in)
	Height	2,158 mm (85 in)
	Height (with cooling fans)	2,486 mm (98 in)
	Weight (with fluids)	3,300 kg (7,275 lb.)
Thermal Output	Peak	336 kW (1,146,000 BTU/hr)
	Continuous	309 kW (1,054,000 BTU/hr)
	Standby	263 kW (897,000 BTU/hr)
Water	Temp difference supply / return (ΔT)	20 °C (36 °F)
	Output Water Temp - Max	95 °C (203 °F)
	Water Flow - Max rated	221 LPM (58.4 GPM)
	Water Connection Port Size	2" (50A)

Notes:

*all performance specs are based on natural gas, for detailed performance on propane contact EPS

**based on LHV of 34,129 BTU / m³

Last Updated: March 2026