

100KW SPECIFICATIONS

ENGINUITY
POWER SYSTEMS

Electric Power Output	Peak	110kW
	Continuous	100kW
	Standby	100kW
	Voltage / Frequency	480VAC / 60Hz
	Output Wiring	3 phase / 4 wire
System Efficiency	Electric Generation Efficiency	30.8%
	Heat Recovery Efficiency	54.2%
	Overall Efficiency	85.0%
Engine	Manufacturer	Hyundai
	No. of Cylinder	6
	Aspiration	Natural Aspiration
Fuel Type**	Fuel Type**	Natural Gas
	Fuel Pressure - Minimum	1.25psi (35 in. w.c.)
	Fuel Pressure - Maximum	5.8psi (161 in. w.c.)
	Fuel Consumption Rate*	1.1378 MMBTU/hr
	Fuel Connection Port Size	NPT 1-1/2" (DN 40)
Sound Level	Measured at 9.84ft (3m)	85 dBA
Dimension	Length	2,980 mm (117 in)
	Width	1,630 mm (64 in)
	Height	2,256 mm (89 in)
	Height (with cooling fans)	2,486 mm (98 in)
	Weight (with fluids)	3,100 kg (6,834 lb.)
Thermal Output	Peak	194 kW (0.662 MMBTU/hr)
	Continuous	183 kW (0.624 MMBTU/hr)
	Standby	183 kW (0.624 MMBTU/hr)
Water	Temp Rise (ΔT)	20 °C (36 °F)
	Output Water Temp - Max	95 °C (203 °F)
	Water Flow	139 LPM (36.7 GPM) - Rated Flow
	Water Connection Port Size	2" (DN 50)

Notes:

*Based on LHV of 34,129 BTU / m³

**Propane and Hydrogen fuel ready. Contact EPS for more details.

Last Updated: August 2026