

100KW SPECIFICATIONS

ENGINIUTY
POWER SYSTEMS

Power Output	Peak	110kW	
	Continuous	100kW	
	Standby	100kW	
	Voltage / Frequency	480VAC / 60Hz	
Engine	No. of Cylinder	6	
	Aspiration	Natural Aspiration	
	Air-Fuel Ratio	1λ	
Fuel	Gas Type	Natural Gas	Propane Gas
	Allowable Pressure in.W.C.(kPa)	Min. 20.07 (5) ~ Max. 160.59 (40)	
	Consumption	28.6 kg/hr	
		35.7 Nm3/hr	
		16.8 ft3/min	
	Connection Port Size	1-1/2" (40A)	
Gross Efficiency	Generating Efficiency	30.8%	
	Heat Recovery Efficiency	54.2%	
	Overall Efficiency	85%	
Noise	Measured at 9.84ft (3m) distance	85 dB	
Dimension	Width (with Foot Mount)	1,630 mm	64 inch
	Length (with CB Box)	2,980 mm	117 inch
	Height (with Foot Mount)	2,256 mm	89 inch
	Height (with Foot Mount, Cooling Fan)	2,486 mm	98 inch
	Weight Dry / Wet (System Ships Dry)	3.0 Ton (6,613 lbs) / 3.1 Ton (6,834 lbs)	
Recovered Heating Value (Thermal Output)	Peak	194kW	661,955 BTU
	Continuous	183kW	624,422 BTU
	Standby	208kW	709,725 BTU
Standard Temperature Difference (Delta)	Supply and Return Flow	ΔT 68°F	
Flow Temperature	Max	35°C	95°F
Heat Recovery	Hot Water Flow Rated	139 LPM	36.7 GPM
	Water Connection Port Size	2" (50A)	