

Yanmar - CP10WN Micro-Cogeneration System (Available)



- Black start and off grid operation
- Net metering where available
- UL2200 Listed

Technical Details

- 10.0 kW
- Weight: 1664 lbs.
- Size: 57.9 in x 31.5 in x 70.5 in
- Efficiency
 - Overall: 85.0%
 - Electric Generation: 31.5%
- Emission: **Meets EPA**
- Exhaust temperature: **194°F (Natural gas)**
- Inlet temperature: 149°F
- Outlet temperature: 158°F - 172°F
- Durability (comments or data)
 - Maintenance Interval of 10,000 hours,
 - Engine life; 60,000 hrs /10 yrs
- Cost: **\$4,000/kW ~**; **\$4,800/kW ~w/black-start**
- Noise: 56dB with radiator fan /54dB without

Notes

Model			CP10WN	
			CP10WN-SN (B)	CP10WN-SPB
Power	Output	Rated Output	10 kW	
		Voltage	240/120 V, 60Hz (208V, 277V)	
		Phases / Wires	Single phase, 3 wire	
Fuel	Gas type		Natural gas	Propane gas
	Pressure		4 ~ 10 inch W/C	8 ~ 13 inch W/C
	Consumption (LHV)		107,500 BTU	112,970 BTU
			1.08 therms/hr	1.33 gal/hr
Heat output	Recovered heat		57,300 BTU/h	65,180 BTU/h
	Hot water temp	Inlet	149 F	
		Outlet	158 F (Max 172 F)	
	Hot water flow rate		12.7 GPM	
Input power	Voltage		240V, 60Hz	
	Starting current		21.7 A	
	Power consumption	Radiator fan stop	0.39 kW	
		Radiator fan run	0.71 kW	
Efficiency	Overall efficiency		85%	88%
	Electrical generation efficiency		31.5%	30%
	Exhaust heat recovery ratio		53.5%	58%
Sound level	Radiator fan stopped		54 dB (A)	
	Radiator fan operating		56 dB (A)	
Dimensions	Width		57.9 in	
	Depth		31.5 in	
	Height		70.5 in	
	Net weight		1,653 lb	1,664 lb

Yanmar - CP5WN Micro-Cogeneration System (Available)



- Black-start and off grid operation
- Net metering where available
- UL2200 Listed

Technical Details

- 5.0 kW
- Weight: 882 lbs. (400 kg.)
- Size: 43.3 in x 19.7 in x 59.1 in
- Efficiency
 - Overall: 84.0%
 - Electric Generation: 28.0%
- Emission: Meets EPA
- Exhaust temperature: **180°F (Natural gas)**
- Inlet temperature: 140°F (60°C)
- Outlet temperature: 149°F (65°C)
- Durability (comments or data)
 - Maintenance Interval of 10,000 hours,
 - Engine life; 60,000 hrs /10 yrs
- Cost: \$5,600/kW~; **\$6,500/kW~** w/black-start
- Noise: 53dB with radiator fan /51dB without

Notes

Model			CP5WN	
			CP5WN-SNB	CP5WN-SPB
Power	Output	Rated Output	5 kW	
		Voltage	240/120 V, 60Hz (208V, 277V)	
		Phases / Wires	Single phase, 3 wire	
Fuel	Gas type		Natural gas	Propane gas
	Pressure		4 ~ 10 inch W/C	8 ~ 13 inch W/C
	Consumption (LHV)		60,700 BTU	
			0.61 therms/hr	0.72 gal/hr
Heat output	Recovered heat		34,000 BTU/h	
	Hot water temp	Inlet	140 F	
		Outlet	149 F (Max 167 F)	
	Hot water flow rate		6.4 GPM	
Input power	Voltage		240V, 60Hz	
	Starting current		12.5 A	
	Power consumption	Radiator fan stop	0.23 kW	
		Radiator fan run	0.33 kW	
Efficiency	Overall efficiency		84%	
	Electrical generation efficiency		28%	
	Exhaust heat recovery ratio		56%	
Sound level	Radiator fan stopped		51 dB (A)	
	Radiator fan operating		54 dB (A)	
Dimensions	Width		43.3 in	
	Depth		19.7 in	
	Height		59.1 in	
	Net weight		882 lb	