

PSI HD 21.9L Fuel Consumption Data

NG 60 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
486.0	101.1	126.3	4,460	4,504,535
370.9	78.8	98.6	3,479	3,513,898
246.6	55.4	69.3	2,445	2,469,511
124.1	33.7	42.1	1,485	1,499,901
48.1	20.6	25.7	907	916,032

NG 50 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
379.0	76.6	95.8	3,381	3,414,424
281.7	58.0	72.5	2,558	2,584,002
190.5	41.8	52.2	1,844	1,862,853
96.0	25.9	32.3	1,141	1,152,612
34.9	15.5	19.4	686	692,877

Gas Properties		
	kg/m3	BTU/ ft3
LP Density	1.882	2316
NG Density	0.8	1010

LP 60 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
351.3	74.9	39.8	1,405	3,254,803
263.5	57.0	30.3	1,070	2,477,878
176.9	41.3	22.0	775	1,795,329
87.9	26.4	14.0	496	1,147,809
34.2	17.4	9.2	326	754,076

LP 50 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
276.2	56.9	30.3	1,068	2,473,425
208.8	43.9	23.3	824	1,908,881
139.6	32.3	17.2	606	1,402,886
69.0	20.5	10.9	385	892,058
27.7	13.7	7.3	257	596,032

Power Ratings at Flywheel			
	Continuous kW	Prime kW	Stand-By kW
NG 50 Hz		350	378
NG 60 Hz		410	456
LP 50 Hz			276
LP 60 Hz			351

