

PSI HD 8.1L Turbo Fuel Consumption Data

NG 60 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
179.4	36.7	45.9	1,620	1,636,473
134.4	28.4	35.6	1,255	1,267,464
89.7	20.5	25.7	905	914,499
45.0	12.1	15.2	535	540,678
17.9	7.6	9.5	335	338,525

NG 50 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
148.7	30.3	37.9	1,338	1,350,892
110.7	23.0	28.8	1,017	1,026,806
75.2	16.9	21.2	747	754,061
37.3	9.9	12.4	438	442,810
14.9	6.1	7.7	270	272,745

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
122.7	28.0	14.9	525	1,215,114
91.2	21.2	11.3	398	922,674
61.8	15.3	8.1	286	663,074
30.4	9.6	5.1	180	415,985
11.8	6.4	3.4	121	279,930

LP 50 Hz				
Power at Flywheel	kg/hr	m3/hr	ft3/hr	BTU/hr
102.2	22.5	12.0	423	978,972
76.0	17.5	9.3	327	758,469
51.8	12.7	6.8	239	553,604
25.6	8.0	4.2	149	345,612
10.4	5.3	2.8	99	228,323

	Power Ratings at Flywheel		
	Continuous kW	Prime kW	Stand-By kW
NG 50 Hz		131	141
NG 60 Hz		149	178
LP 50 Hz			102
LP 60 Hz			122

