

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	Prime	Stand-By
	kW	kW	kW
NG 50 Hz		131	141
NG 60 Hz		149	178
LP 50 Hz			102
LP 60 Hz			122

