



MODEL NUMBER: M-GV22PU-DF-MVS-JWH, Item #A10002

Wiring Configurations			
Rated Voltage	480/277	240/139	208/120
Winding Configuration	Hi-Wye	Lo-Wye	Lo-Wye
Phase	3	3	3
Prime Power	390 kW 488 kVA	390 kW 488 kVA	345 kW 43v kVA
Rated Amps	587	1,174	1200

Fuel Consumption*		
Load %	NG Rating	LP Rating
100%	4,742,067 Btu/hr	3,841,674 Btu/hr
75%	3,724,507 Btu/hr	3,053,714 Btu/hr
50%	2,740,103 Btu/hr	2,306,604 Btu/hr

Genset Information	
Voltage	480 V
Frequency	60 HZ
NG PRP Rating	390 kW 488 kVA
LP PRP Rating	315 kW 394 kVA
Wet Weight	18139 lbs

Engine Information	
Model	Mesa/HDI GV22PU
Nameplate Rating	500 kW 671 hp
Speed	1,800 rpm
Displacement	21.9 L 1,336 in ³
Cylinder Arrangement	12 Cylinders V-type
Aspiration Mode	Turbocharged

* NG: HHV=1,041 Btu/scf (39 MJ/m³)

LP: HHV=2,538 Btu/scf (95 MJ/m³)

Control System	
Controller Type	DSE 8610 MKII
Synchronizing & Load Sharing	Yes
Telemetry & Remote Monitoring	Yes

Emission Control	
AFR Controller	Yes
NSCR Catalyst	Yes

Alternator	
Manufacturer	WEG
Model	AG10 280MI70AI
Rated Power Factor	0.8 PF
Rating	456kW 570 kVA
Excitation Type	I-PMG (auxiliary coil)
Insulation Class	Class H
Temp. Rise / Ambient	125 / 40°C
Enclosure	IP23