

AGT4000 PVMV-N Mobile DC Generator/APU



FischerPanda®

The AGT4000 DC generator/APU includes state of the art permanent magnet technologies, the super quiet and low heat signature of all Fischer Panda generators and our auto start/stop functions ensuring the power needed for the mission. If requested, this product can be supplied with CANbus communication.

FEATURES INCLUDE:

- 59 dBA at 7 meters
- External control panel can be mounted inside vehicle
- Auto Stop/Start
- Emergency automatic shutdown for low oil pressure, high coolant, windings & oil temp, short circuit overload
- Manual emergency stop switch and battle short switch
- Liquid-cooled muffler
- A reduced heat signature due to the Fischer Panda liquid-cooled exhaust muffler and the complete encapsulation of the generator
- EMI Hardened



FischerPanda®



SMALL



LIGHT



QUIET

351 S. Andrews Avenue
Pompano Beach, FL 33069
U.S.A.

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Fax: 954-462-2801
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ENGINE SPECIFICATIONS	
Engine	Kubota Horizontal 4 stroke Diesel EA330
Cylinder	1
Bore * Stroke	75* 70 mm
Displacement	309 cm ³
OUTPUT POWER	DN6270 NA 7.7 HP (3000 RPM)
	5.7 kW (3000 RPM)
	DN6270 NB 7.0 HP (3000 RPM)
	5.2 kW (3000 RPM)
	DN70020 6.0 HP (3000 RPM)
	4.4 kW (3000 RPM)
Start System	Electric start 24V
Cooling System	Liquid-cooled
Combustion System	Direct
Temperature Range	Storage -50°F to +160°F (-45°C to +71°C)
Fuel	Diesel, DL-1, DL-2, Jet Fuel JP-8
ALTERNATOR SPECIFICATIONS	
Type	AGT 4000 / 28 V synchronous
Excitation	Rare earth magnetic
Voltage	22V three phase AC
Polarity	16--- pole
Nominal Frequency	400 Hz
Rectifier	6 pulse rectifier
Nominal Output Voltage	28V DC
Normal Output Power	3.5kW
Nominal Output Current	120 Amp

Regulation	Voltage regulation by speed regulation
Adjustable Regulation	27.0 --- 28.8V (Other ranges on request)
Cooling	Air-cooled
APU SPECIFICATIONS	
Dimensions L x W x H	29.5" X 16.5" X 17.7" (750mm X 420mm X 450mm)
Weight	330 lbs (150 kg). wet
Temperature Range	Operational -25°F to +120°F (-32°C to +50°C) Other ranges available upon request
Sound Insulation	Capsule with sound insulation foam and lining
Noise Level	Approx 59 dBA@ 7 meters
Fuel Consumption	Approx 1,1 Liter per hour at nominal power
Fuel Connection	Quick release connectors
Electrical Connection	MIL-STD
Angle of Operation	Lat. 25 deg. / Long. 25 deg
EXTERNAL RADIATOR SPECIFICATIONS	
Dimensions L x W x H	27.95" X 16.14" X 11.97" (710mm X 410mm X 304mm)
Weight	Approx. 54 lbs (24.5 kg) wet
Material	Aluminum
Fans	1 piece brushless 24V Fans
Fan Control	Temperature controlled, variable speed.



Due to our policy of continual product development, we reserve the right to alter these specifications without notice.

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