



مركز البراغي والعدد  
**BOLTS & TOOLS CENTER** LLC



## **AGT 4000 PVMV-N**

### **Mobile DC Generator**

The AGT 4000 DC generator represents the finest in battery charging military grade DC generators in the world today.

This generator has brought together in one package, state of the art permanent magnet technologies, the super quiet signature of all Fischer Panda generators and our auto start/stop functions insuring that you have the power you need when you need it.

The powerful features of this generator include:

- super quiet: 59 dBa @ 7 meters;
- external control panel mounted inside vehicle;
- auto start/stop;
- auto stop in case of overheating and low oil pressure;
- water-cooled muffler;
- low heat signature with advanced Fischer Panda insulation.
- EMI protected.



# AGT 4000 PVMV-N DC Generator

## V04.0FIP03W8W2UVSM1

### Engine Specifications

Engine	Kubota, vertical 4 stroke Diesel D722	
Cylinder	1	
Bore * Stroke	75 * 70 mm	
Displacement	309 cm³	
O u t p u t	DIN 6270 NA	7,7 HP (3000 RPM)
		5,7 KW (3000 RPM)
	DIN 6270 NB	7,0 HP (3000 RPM)
		5,2 KW (3000 RPM)
	DIN 70020	6,0 HP (3000 RPM)
		4.4 KW (3000 RPM)
Start System	Electric start	
Cooling System	Water-cooled	
Combustion System	Direct	
Temperature Range	-25°F to +122°F (with cold start system)	
Fuel	Diesel, DL-1, DL-2, Jet Fuel JP-8	

### Alternator Specifications

Type	AGT 4000 / 28V synchronous
Excitation	Rare earth magnetic
Voltage	22V three phase AC
Polarity	16 --- pole
Nominal Frequency	400 Hz
Rectifier	6 pulse rectifier Schottky type
Nominal Output Voltage	28V DC
Nominal Output Power	3.5 kW
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"
Weight	330 lbs (wet)
Sound Insulation	Capsule with sound insulation foam and lining
Noise Level	Approx 59 dBA @ 7 meters
Fuel Consumption	Approx 1,1 Liter per hour
Fuel Connection	Quick release connectors
Electrical Connection	MIL Standard
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"
Weight	Approx 54 lbs (wet)
Material	Aluminium
Fans	1 piece brushless 24V fans
Fan Control	Temp switches for half and full speed