



Fischer Panda Generators



AGT 5000 - PE DC Generator

The AGT 5000 DC generator system represents the finest in battery charging military grade DC generators in the world.

This DC generator combines into a single unit, state of the art permanent magnet technologies, the super quiet signature of all Fischer Panda generators and our unique auto start/stop functions. These features insure that you always have silent power when you need it.

The key power features incorporated into the Fischer Panda AGT 5000 include:

- The super silent operation of 55 dBa @ 7 meters;
- Auto start/stop function insuring that your batteries are always fully charged;
- Control Panel in the generator capsule is standard;
- Remote control panel installed inside the vehicle where you most need it;
- A significantly reduced heat signature as a result of the Fischer Panda water-cooled system and the totally encapsulation of the generator;
- Over 250 hours between service intervals;
- Unique sloped design which facilitates unrestricted vision between the commander and driver during convoy operations.



AGT 5000-PE DC Generator

V05.0FIP05W6D2BV02

Engine Specifications

Engine	Kubota, vertical 4 stroke Diesel D722	
Cylinder	3	
Bore * Stroke	67 * 68 mm	
Displacement	719 cm ³	
Output	SAE J1349	15,4 HP (2400 RPM)
	Gross Intermittent	11,3 KW (2400 RPM)
	SAE J1349	14,5 HP (2400 RPM)
	Net Intermittent	10,6 KW (2400 RPM)
	SAE J1349	11,2 HP (2400 RPM)
	Net Continuous	8.2 KW (2400 RPM)
Start System	Electric start 24V	
Cooling System	Water-cooled	
Combustion System	Indirect (E-TVCS)	
Temperature Range	-30°F to +104°F (Other temperature ranges on request)	
Fuel	Diesel, DL-1, DL-2, Jet Fuel JP-8	

Alternator Specifications

Type	AGT 5000 / 28V synchronous	
Excitation	Rare earth magnetic	
Voltage	22V three phase AC	
Polarity	16 --- pole	
Nominal Frequency	320 Hz	
Rectifier	6 pulse rectifier	
Nominal Output Voltage	28V DC	
Nominal Output Power	5 KVA	
Nominal Output Current	180 Amp	
Regulation	Voltage regulation by patented VCS (Voltage Control System)	
Adjustable Regulation	27,0 --- 28,8V (Other ranges on request)	
Cooling	Air-cooled	

APU Specifications

Dimensions (L x W x H)	34" x 29" x 21.5" - Radiator (14") can be remote located	
Weight	540 lbs	
Sound Insulation	Sound insulation foam and heavy lining	
Noise Level	62 dBA @ 1 meter / 55 dBA @ 7 meters	
Fuel Connection	Quick release connectors for vehicle fuel tank or external fuel supply	
Electrical Connection	250 A connector for 28V battery	
Transport	Lifting eye (device for balanced lifting inside the APU)	
Angle of operation	Lat. 25 deg. / Long. 25 deg.	
EMC	MIL STD 461-D	