

Ground Power Unit Diesel Series

90 -180 KVA

● Features & Benefits

- Delivers stable permanent and peak current with protection against voltage and frequency transients.
- Equipped with a Deutz engine, EU-made alternator and regulator, and a long-lasting steel chassis.
- Compact design with a simple control panel, front axle steering, and full access to components without bending.
- Optimized alternator enables efficient 1500 RPM operation, reducing fuel use and wear
- Powers various aircraft with 400Hz and optional 28V DC outputs.
- Meets EN, ISO, SAE, CE, and IATA standards.



WHY AVRO

- ▶ 2 years standard warranty
- ▶ AAA maintenance program
- ▶ Customized business relationship
- ▶ Stock locations in the United States and Canada

AIRCRAFT GROUND SUPPORT EQUIPMENT

Diesel Engine 1500 RPM

Diesel Series

90 -180 KVA

		GP90D	GP140D	GP180D
Technical Data				
GPU Power		90KVA	140KVA	180KVA
Engine type		Deutz	Deutz	Deutz
Cylinders		Deutz 4 cylinders	Deutz 6 cylinders	Deutz 6 cylinders
Emission Standard		Tier 2 4F	Tier 2 4F	Tier 2 4F
Engine kW/hp	kW/hp	118 115	200 179	200 179
Weight (kgs)	kg	2,800 2,875	3,300 3,350	3350 3400
Dimensions of output cables		Length 10 meters, 4 x 70mm ²	Length 10 meters, 4 x 70mm ²	Length 10 meters, 4 x 70mm ²
Outputs optional available		28V DC and 56V	28V DC and 56V	28V DC and 56V
Battery System		24V (2 x 12 V 125 Ah)	24V (2 x 12 V 125 Ah)	24V (2 x 12 V 125 Ah)
Fuel Tank		315 lt / 100 Gal (8 to 24 hours operations)	315 lt / 100 Gal (8 to 24 hours operations)	315 lt / 100 Gal (8 to 24 hours operations)
Electrical				
Permanent power at cos = 0.8 KVA		90	140	180
Overload 25% - 5 min		Yes	Yes	Yes
Overload 10% - 10 min		Yes	Yes	Yes
Outputs 400Hz 115/200V		1	2	2
Transient Performance MIL STD704E/EN2282		Yes	Yes	Yes