avro GSE
Best on Ground

Ground Power Unit
Electric Frequency Converter

GP60E 480 V Input

Features & Benefits

- No-break power transfer
- Over/under voltage protection (input/output)
- Over/under frequency protection
- Overload protection
- Overheating protection
- Short-circuit protection
- Neutral verification
- Asymmetric load verification
- Lockable doors with interlock functionality
- Tropical package for high humidity environments (10-100%)



WHY AVRO

- 36-month warranty, effective from the date of delivery.
- Customized business relationship
- AAA maintenance program
- Stock locations in the United States and Canada

AIRCRAFT GROUND SUPPORT EQUIPMENT

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GROUND POWER UNIT

Electric Frequency Converter

GP60E
480 V Input

Output Parameters	
Rated output voltage	28.5 V
Qty of output	1
Voltage adjustment range	±5 V
Output voltage stabilization accuracy	0.5%
Voltage pulsation, at full load	< 1.0
Voltage drop compensation, @ 600A output current,	0-4 V
Rated output current	600 A
Permissible current overload, (Rated Load Capacity) within 30 s within 5 s within 2 s	 1200 A 2100 A 2500 A
Input Parameters	
Rated supply voltage	3 x 480 V
Supply voltage permitted deviation	± 15 %
Supply voltage frequency	60 Hz
Frequency permitted deviation	± 10 %
Overall Efficiency at 30-100 % load	≥ 0.95
Miscellaneous	
Ingress protection (converter module)	IP55
Interlock	Yes
Maximum/ Minimal ambient temperature	+50/-50 °C
Audible noise static power	50 dB at 1 meter
Relative humidity	0 - 100 %
Operational useful life	Minimum 25 years
Mean Time To Repair (MTTR)	Maximum 20 minutes
Performance	Mobile
Control panel/Display	TFT with touchpad

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