

Ground Power Unit Electric Frequency Converter

GP60E

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

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	1200 A
within 5 s	2100 A
within 2 s	2500 A

Input Parameters

Rated supply voltage	3 x 400-480 V
Supply voltage permitted deviation	± 15 %
Supply voltage frequency	50/60 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