



## Description

JTL120FQC Electrical Converters are the newest addition to the JetallGPU 400Hz frequency GPU line. The product design allows the unit to either be installed on a passenger bridge, fixed, or trailer mount. With our user-friendly controls and diagnostic system, the converter is easy to use and training is minimal. A state-of-the-art design, ease of use, broad choice of input voltage configurations, customized weather shielding, proven reliability and most competitive pricing are among the many reasons this unit has the versatility to provide power where you need it.

## Specifications

### Input Power Requirement

- AC current, 3 phase, voltage; 208/230/460/575
- Frequency range: 45 to 65 Hz
- Input power factor: 0.96
- Input voltage could be strappable in the field

### Output Power Performance: 120 KVA

- 115/200 VAC, 3 phase, 400 Hz  $\pm$  0.1%
- Overloads: 100 - 125%, 10 minutes
- 125 - 150%, 30 seconds
- 150 - 200%, 10 seconds
- Load power factor: 0.8 at 100% load

### Regulation

- Voltage regulation: < 0.5% for balanced and 30% unbalanced loads
- Phase displacement:  $120^\circ \pm 1^\circ$  for balanced load  
 $120^\circ \pm 2^\circ$  for 30% unbalanced load
- Voltage modulation: < 1%
- Crest factor:  $1.414 \pm 3\%$
- Transient performance; meets MIL-STD-704F

### Protection

- Input; over-/under-voltage overload
- Output; over-/under-voltage
- Over/under frequency transient
- Internal high temperature
- Audible alarm with silencer
- Noise level < 65 DBA at 3 feet

## Finish

- Powder coat rather than paint provides superior weather resistance, flexibility and adhesion, plus a strong resistance to chemical agents such as glycol and Skydrol
- Standard color is High Gloss White

## Displays - Digital presentation

LCD Display, 4 x 20 characters, backlit panel displaying:

- Operating parameters: ammeter, frequency and voltmeter
- Diagnostics: 16 keypad for menu selections
- Emergency stop: push button type

## Optional Equipment

- 28 volt output capability
- Second output capability
- AC Output cable, 9 meter (30 feet), 1 AWG
- DC Output cable, 9 meter (30 feet), 2 AWG
- Custom colors require a paint chip or swatch for accurate color match.



## Dimensions

- On wheels: L = 82", W= 44", H= 56"