



## Description

- JTL28R, solid state GPU provides a quiet, perfectly regulated 28.5 volts DC current for use in hangar or aircraft side on the ramp. These reliable GPUs were specifically developed in response to customer needs for fully regulated, dependable power required by today's most modern aircraft.
- The JTL28R is available with "soft start" mode (option) for engine starting when the current limiting mode recommended for the aircraft type. JTL28R GPU will easily deliver 800 continuous amperes with capacity for up to 2,400 amperes peak starting current.

## Specifications

### Input Power Requirement

- AC current, 3 phase, voltage 208/230/460/600
- Minimum current Amperes, 89 / 76 / 37 / 32
- Input voltage could be strappable in the field
- Input cable provided, 30 meters (100 feet), 3 phase, 100 amps

### Output Power Performance

- Nominal voltage of 28.5 volt, DC
- 1,000 amps continuous @ 60 Hz
- 2,400 amps peak output @ 60 Hz
- 800 amp continuous @ 50 Hz
- 1,800 amps peak output @ 50 Hz

### Regulation

- Voltage regulation adjustable to accuracy of  $\pm 1\%$ , no load to full load

### Protection

- Ripple and RFI filtered
- Reverse diode protection for reversed current
- Over-voltage protection

## 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 / Instrumentation

- **Meters:** ammeter and voltmeter
- **Indicator Lights:** contactor on
- **Switches:** contactor on/off

## Optional Equipment

- 14 volt output capability
- Soft start designed to provide minimum stress on the aircraft accessory drive system
- DC output cable, 9.2 meter (30 feet), 4 AWG
- Custom colours are available

