

### INPUT

**Voltage:** Standard world utility voltages and frequencies  
(Specified on order)

### OUTPUT

**Voltage:** 110 To 600 VAC, 1 or 3 Phase

**Frequency:** 50, 60 or 400Hz

**Power Ranges:** Up to 100KVA, 1 Phase  
UP to 6000KVA, 3 Phase

**Rated Load Power Factor:** 0.8 Lagging

**Efficiency:** Voltage dependant

**Voltage Adjust:** +/-10%

**Voltage Regulation:** +/-1%

**Voltage Transients:** +/-5% (50%Load Step)

**Voltage Recovery:** 50 milli-seconds

**Voltage Modulation:** 0.5% maximum

**Frequency Regulation:** ± 0.01% Crystal Controlled

**Overload Capacity:** 125% Rated Load for 10min

150% Rated Load for 10sec

**Short Circuit Capacity:** Short Circuit Protected

### ENVIRONMENTAL

**Operating Temp:** 0°C to + 45°C

**Storage Temp:** -55°C to +60°C

**Humidity:** 95% non-condensing

### FEATURES

- Front Panel Indicators
- Remote Status
- Front Accessibility
- Top / Bottom Cable Entry
- Custom Cabinet Styles
- High Frequency PWM Design
- System energizing is limited to input rated current
- Field Proven Reliability, High MTBF, Low MTTR
- Conservatively rated magnetics and power modules
- Compatible with High Crest Factor / High Inrush Loads

### PROTECTION

- Input & Output Breakers
- Current Limiting
- Line Surge Protection
- Semiconductor Protection
- Over-Low Voltage Shutdown



### OPTIONS

- + 55°C operating temp
- 3000m elevation operation
- Alarm & Meter Packages
- Distribution Panels
- 300% Overload

**Contact IE Power Inc. for your frequency conversion requirements**

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