BL1500 AC POWER SOURCE SPECIFICATIONS (Baker Hughes 2021 XA)

POWER
1500VA

INPUT
Voltage: 115 VAC +/-10%
Frequency: 47 - 63 Hz

OUTPUT
Voltage: 0 – 720 V or 0 - 1440 V
Frequency: 60 Hz
Maximum Power: 1500 VA. Units can be stacked for increased power.
Maximum Current: 2 Amps, 0 – 720V Range, 1 Amps, 0 – 1440 V Range.
Current Crest Factor: 3 : 1
Power Factor: 100% of rated output into any power factor load.
Distortion: 3% THD typical
Line Regulation: +/- 0.1% for +/- 10% line change
Load Regulation: +/- 1%. No load to full load
Efficiency: 80%

PROTECTIVE CIRCUITS
Input Protection: Fast acting main circuit breaker.
Constant Current Mode: Overload automatically causes voltage fold back to provide maximum current without distorting output waveform.
Short Circuit Protection: Short circuit overload electronically latches output open to protect load. Power restored by recycling circuit breaker.
Thermal Protection: Internal temperature sensor prevents heat damage.

FRONT PANEL CONTROLS & INDICATORS
See Manual for full Description and Functionality.

MECHANICAL & ENVIRONMENTAL
Dimensions: High strength 19” rack mount chassis, 3.5” high by 21.5” deep.
Operating Temperature: 0 to 55 degrees Celsius.

CONTROL INPUTS
RS 485 Interface
External Synch: Synchronizes AC output with external input.