

BL1500 AC POWER SOURCE SPECIFICATIONS (Baker Hughes 2021 XA)

POWER

1500VA

INPUT

Voltage:
Frequency:

115 VAC +/-10%
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.



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