

# BRANSON

## 2000 SERIES

## Ultrasonic Assembly Systems

### 2000p Panel Mount Power Supply

#### GENERAL DESCRIPTION

Branson introduces its new 2000p panel mount ultrasonic power supply. Designed for systems integration, the 2000p installs directly into an electrical enclosure and incorporates all 2000bdc controls and status signals into a front panel terminal block.

#### FEATURES

- Available at 1.1 kW, 2.2 kW and 3.3 kW at 20 kHz operating frequency and 800 W at 40 kHz.
- CE and NRTL certified.
- Frequency autotune with memory.
- Selectable frequency auto seek.
- Manual front panel control of amplitude from 50% to 100%.
- Line/load output amplitude regulation.
- Terminal block connector for 208/240 AC, single phase mains.
- Plug-in terminal block for field wiring control and feedback functions.
- Front panel power meter.
- I/O wiring capability - Three optically isolated inputs, one analog input, one analog output, two relay isolated outputs.
- Ultrasonic advanced function connections.
- System protection from short circuits, over-temperatures, over-power, and faults.
- Start and alarm cables not needed.
- Mounting flanges on back and side.



#### Applied Technologies Group

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## ELECTRICAL SPECIFICATIONS

All units are CE compliant, and comply with FCC rules and regulations governing radio frequency interference. Contact Branson, Danbury, for information.

	<b>20:1.1</b>	<b>20:2.2</b>	<b>20:3.3</b>	<b>40:0.8</b>
Output power:	1100 Watts	2200 Watts	3300 Watts	800 Watts
Line voltage:	208-240 V AC 50/60 Hz, 1ph.	208-240 V AC 50/60 Hz, 1ph.	208-240 V AC 50/60 Hz, 1ph.	208-240 V AC 50/60 Hz, 1ph.
Max. current:	7 amps max.	14 amps max.	19 amps max.	5 amps max.
Frequency:	20 kHz	20 kHz	20 kHz	40 kHz
Max. cycle rate:	80 cpm *			
Ambient temp. range:	41-122° F (5-50°C)			
* Application dependent.				

All specifications subject to change without notice. All dimensions are nominal.

## ORDERING INFORMATION

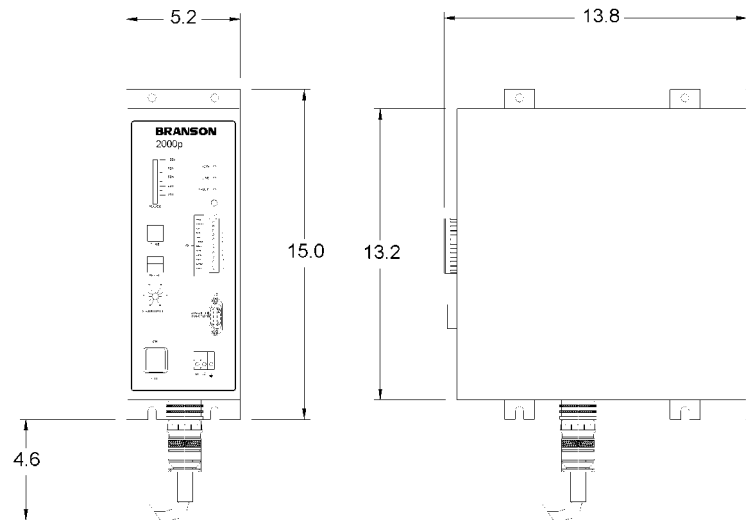
Note: All sales shall be subject to the Supplier's terms and conditions of sale as described in Branson's quotations and sales contracts.

The Branson 2000 Series panel mount ultrasonic power supplies are CE compliant.

### Branson EDP No.

20:1.1	208-240V	125-132-926
20:2.2	208-240V	125-132-910
20:3.3	208-240V	125-132-925
40:0.8	208-240V	125-132-927

## DIMENSIONS



Dimensions in inches. All dimensions are nominal.



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