

Juice Series Specifications

Continuous Sine Wave Average Output Power, both channels driven, 20 Hz to 20 kHz

	J•800	J•1400	J•2500
2 ohms:	480 W	800 W	1400 W
4 ohms:	300 W	450 W	750 W
8 ohms:	205 W	310 W	575 W

Bridged Mono Operation, 20 Hz to 20 kHz

	J•800	J•1400	J•2500
4 ohms:	800 W	1400 W	2500 W
8 ohms:	560 W	900 W	1500 W

Note: Power ratings are specified at 120 VAC line voltage.

Power Bandwidth

5 Hz to 50 kHz (+0, -3 dB)

Frequency Response

25 Hz to 25 kHz (+0, -1 dB)

Distortion

THD and SMPTE IMD; 20Hz to 20kHz
< 0.03% @ 8 ohms

Signal-to-Noise Ratio

> 100 dB below rated power into 4 ohms

Channel Separation

> 90 dB @ 1 kHz

Damping Factor

> 300 @ 1 kHz and below

Input Impedance

20 k Ω balanced
10 k Ω unbalanced

Input Sensitivity

1.15 V (+3.4 dBu) for rated power into 4 ohms

Gain

J•800:	30 dB
J•1400:	32 dB
J•2500:	34 dB

Maximum Input Level

9.75 Vrms (+22 dBu)

Turn On Delay

2.5 seconds

Subsonic Filter

- 9 dB @ 30 Hz

Topology

J•800, J•1400:	Class AB
J•2500:	Class H

Cooling

Dual variable-speed fans with back to front airflow

Indicators

Channels A and B
SIG (Signal Present), OL (Overload)
POWER

Current Consumption

	<u>J•800</u>	<u>J•1400</u>	<u>J•2500</u>
Idle	0.5 A	0.5 A	1.0 A
Musical Program @ 8 Ω	3.9 A	5.1 A	8.1 A
Musical Program @ 4 Ω	5.0 A	6.7 A	10.0 A
Musical Program @ 2 Ω	7.0 A	10.6 A	17.2 A

AC Power Requirements

U.S.	120 VAC, 60 Hz
Europe	240 VAC, 50 Hz
Japan	100 VAC, 50/60 Hz
Korea	220 VAC, 60 Hz

Physical Dimensions and Weight

Height:	3.5 in/89 mm
Width:	19.0 in/483 mm
Depth:	15.7 in/400 mm
Weight:	
J•800:	43.6 lb/19.8 kg
J•1400:	48.5 lb/22.0 kg
J•2500:	56.2 lb/25.5 kg

Disclaimer

Since we are always striving to make our products better by incorporating new and improved materials, components, and manufacturing methods, we reserve the right to change these specifications at any time without notice.