

Powerpro series

PS



La serie de amplificadores PowerPro ofrece una tecnología de amplificación ampliamente contrastada. La serie está formada por cuatro modelos construidos en robustos chasis de acero de 1U y 2U, ideada para satisfacer las necesidades reales de audio con una máxima eficiencia en costes. Tanto las instalaciones fijas como las aplicaciones móviles son candidatas idóneas para la serie PowerPro.

The D.A.S. PowerPro series of amplifiers offers a tremendous value in proven amplifier technology. The line consists five models in rugged 1U and 2U steel chassis, engineered to meet demanding audio requirements reliably and still remain within budget. Both permanent installations and mobile applications are ideal candidates for the PowerPro series.

MODEL	PS-200	PS-400	PS-800	PS-1400	PS-2400
Stereo Mode (both channels driven)					
8 ohms EIA 1 kHz 1% THD	70 W	150 W	250 W	450 W	800 W
4 ohms EIA 1 kHz 1% THD	100 W	200 W	450 W	700 W	1200 W
2 ohms EIA 1 kHz 1% THD					1800 W
Bridge Mono Mode					
8 ohms EIA 1 kHz 1% THD	200 W	400 W	800 W	1400 W	2200 W
Frequency Response	20 Hz-20 kHz +1/-1dB	20 Hz-20 kHz +1/-1dB	20 Hz-20 kHz +1/-1dB	20 Hz-20 kHz +1/-1dB	20 Hz-20 kHz +1/-1dB
Signal to Noise (20 Hz-20 kHz)	-90 dB	-90 dB	-90 dB	-90 dB	-90 dB
Distortion (SMPTE-IM)	Less than 0.5%	Less than 0.5%	Less than 0.5%	Less than 0.5%	Less than 0.5%
Distortion (typical)	Less than 0.5%	Less than 0.5%	Less than 0.5%	Less than 0.5%	Less than 0.5%
10 dB below rated power: 20 Hz-20 kHz					
Damping Factor @ 8 ohms	Greater than 100	Greater than 100	Greater than 100	Greater than 100	Greater than 100
Input Sensitivity @ 4 ohms	0.775 V/1.0 V/1.44 V	0.775 V/1.0 V/1.44 V	0.775 V/1.0 V/1.44 V	0.775 V/1.0 V/1.44 V	0.775 V/1.0 V/1.44 V
Input Impedance	10 kohms Un-balanced 20 kohms Balanced	10 kohms Un-balanced 20 kohms Balanced	10 kohms Un-balanced 20 kohms Balanced	10 kohms Un-balanced 20 kohms Balanced	10 kohms Un-balanced 20 kohms Balanced
Voltage Gain (input 0.775 V)	28.2 dB	31.2 dB	34.8 dB	36.7 dB	39 dB
Output Circuitry	Class AB	Class AB	Class AB	Class AB	Class G
Power Requirements	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz	230 VAC 50 Hz
Current Draw (1/3 power-4 ohms @ 230 V)	0.57 A	1 A	1.8 A	3.4 A	9.6 A
Dimensions (H x W x D)	4.4 x 48.2 x 38,6 cm 1.75 x 19 x 13.2 in	4.4 x 48.2 x 38,6 cm 1.75 x 19 x 13.2 in	8.8 x 48.2 x 38,6 cm 3.5 x 19 x 14.2 in	8.8 x 48.2 x 38,6 cm 3.5 x 19 x 14.2 in	8.8x48.2x38.6 3.5 x 19 x 14.2 in
Weight	12 kg (26.4 lb)	13 kg (28.6 lb)	18 kg (39.6 lb)	21 kg (46.2 lb)	21 kg (46.2 lb)

H series



La serie "H" es una línea de amplificadores de altas prestaciones diseñados para proporcionar una calidad sonora excepcional. La topología de alta eficiencia clase "H" basada en una alimentación inteligente reduce el consumo de corriente y genera menos calor, ofreciendo mayor rendimiento y fiabilidad. La serie "H" comprende tres modelos que ofrecen una gama de potencias que van desde los 280 W a los 2.000 W por canal.

La serie "H" incorpora un conjunto de características que ofrecen unas prestaciones extraordinarias en todo tipo de aplicaciones profesionales.

The "H" Series is a high performance line of amplifiers designed to provide exceptional sound quality. The high efficiency Class "H" intelligent power supply lowers AC current consumption and cooling requirements providing greater output and reliability.

The "H" series features three models that offer power options from 280 to 2,000 watts per channel, allowing a wide range of choice. A complete set of professional features increase both performance and flexibility.

MODEL	H-1500	H-2200	H-3000	H-4000
Stereo Mode (both channels driven)				
8 ohms EIA 1 kHz 1% THD	280 W	500 W	620 W	850 W
4 ohms EIA 1 kHz 1% THD	450 W	750 W	950 W	1400 W
2 ohms EIA 1 kHz 1% THD	750 W	1100 W		2000 W
Bridge Mono Mode				
8 ohms EIA 1 kHz 1% THD	900 W	1500 W	1900 W	2800 W
4 ohms EIA 1 kHz 1% THD	1500 W	2200 W		4000 W
Frequency Response				
	20 Hz-20 kHz +0/-0.5 dB	20 Hz-20 kHz +0/-0.5 dB	20 Hz-20 kHz +0/-0.5 dB	20 Hz-20 kHz +0/-0.5 dB
	5 Hz-48 kHz -3 dB	5 Hz-48 kHz -3 dB	5 Hz-48 kHz -3 dB	5 Hz-48 kHz -3 dB
Signal to Noise (20 Hz-20 kHz)				
	-96 dB	-98 dB	-99 dB	-101 dB
Distortion (SMPTE-IM)				
	Less than 0.02%	Less than 0.02%	Less than 0.02%	Less than 0.03%
Distortion (typical)				
(10 dB below rated power: 20 Hz-20 kHz)	Less than 0.05%	Less than 0.05%	Less than 0.05%	Less than 0.05%
Damping Factor @ 8 ohms				
	Greater than 310	Greater than 310	Greater than 310	Greater than 310
Input Sensitivity @ 4 ohms				
	1 V	1.34 V	1.54 V	1.84 V
Input Impedance				
	10 kohms Un-balanced	10 kohms Un-balanced	10 kohms Un-balanced	10 kohms Un-balanced
	20 kohms Balanced	20 kohms Balanced	20 kohms Balanced	20 kohms Balanced
Voltage Gain				
	32 dB (40x)	32 dB (40x)	32 dB (40x)	32 dB (40x)
Output Circuitry				
	Class H, 2 Tier	Class H, 2 Tier	Class H, 2 Tier	Class H, 3 Tier
Power Requirements				
	115, 230 VAC 50/60 Hz	115, 230 VAC 50/60 Hz	115, 240 VAC 50/60 Hz	115, 230 VAC 50/60 Hz
Current Draw (1/3 power - 4 ohms @ 230 V)				
	4.7 A	7.3 A	8.7 A	9.7 A
Dimensions (H x W x D)				
	8.8 x 48.26 x 40.45 cm	8.8 x 48.26 x 40.45 cm	8.8 x 48.26 x 40.45 cm	13.2 x 48.26 x 40.45 cm
	3.5 x 19 x 15.9 in	3.5 x 19 x 15.9 in	3.5 x 19 x 15.9 in	5.2 x 19 x 15.9 in
Weight				
	14 kg (30.8 lb)	15 kg (33 lb)	17.4 kg (38.3 lb)	26 kg (57.2 lb)

Switch Mode Light series

SLA



La serie SLA es una gama de amplificadores de alta potencia que combinan bajo peso, calidad de audio excepcional y la fiabilidad D.A.S.

SLA series is a range of high-power amplifiers that combine light weight, exceptional audio quality and D.A.S. reliability.

Los amplificadores SLA ofrecen diferentes modelos de potencias hasta los 4.000 vatios y son capaces de trabajar con cargas de 2 ohmios. Gracias a su fuente de alimentación conmutada, la cual reemplaza el pesado transformador AC, ofrecen una alta eficiencia y un diseño ligero, idóneo para su utilización en sistemas portátiles.

The SLA amplifiers offer power ratings of up to 4,000 watts and are capable of driving 2 ohm loads. Thanks to their switchmode power supply which replaces the heavy AC transformer, they offer a highly efficient and lightweight design, ideal for use in portable systems.

MODEL	SLA-2600	SLA-3400	SLA-4000
Stereo Mode (both channels driven)			
8 ohms EIA 1 kHz 1% THD	500 W	650 W	850 W
4 ohms EIA 1 kHz 1% THD	800 W	1000 W	1400 W
2 ohms EIA 1 kHz 1% THD	1300 W	1700 W	2000 W
Bridge Mono Mode			
8 ohms EIA 1 kHz 1% THD	1600 W	2000 W	2800 W
4 ohms EIA 1 kHz 1% THD	2600 W	3400 W	4000 W
Frequency Response			
	20 Hz-20 kHz +0/-0.3 dB	20 Hz-20 kHz +0/-0.3 dB	20 Hz-20 kHz +0/-0.3 dB
	3 Hz-50 kHz -3 dB	3 Hz-50 kHz -3 dB	3 Hz-50 kHz -3 dB
Signal to Noise (20 Hz-20 kHz)			
	-107 dB	-108 dB	-109 dB
Distortion (SMPTE-IM)			
	Less than 0.05%	Less than 0.05%	Less than 0.05%
Distortion (typical)			
	Less than 0.05%	Less than 0.05%	Less than 0.05%
5 dB below rated power: 20 Hz-20 kHz			
Damping Factor @ 8 ohms			
	Greater than 200	Greater than 200	Greater than 200
Input Sensitivity @ 4 ohms			
	1.41 V	1.58 V	1.87 V
Input Impedance			
	10 kohms Un-balanced	10 kohms Un-balanced	10 kohms Un-balanced
	20 kohms Balanced	20 kohms Balanced	20 kohms Balanced
Voltage Gain			
	32 dB (40x)	32 dB (40x)	32 dB (40x)
Output Circuitry			
	Class H	Class H	Class H
Power Requirements			
	115, 230 VAC 50/60 Hz	115, 230 VAC 50/60 Hz	115, 230 VAC 50/60 Hz
Current Draw (1/3 power - 4 ohms @ 230 V)			
	7.2 A	9 A	12 A
Dimensions (H x W x D)			
	8.8 x 48.3 x 40.5 cm	8.8 x 48.3 x 40.5 cm	8.8 x 48.3 x 40.5 cm
	3.5 x 19 x 16 in	3.5 x 19 x 16 in	3.5 x 19 x 16 in
Weight			
	11 kg (24.2 lb)	11 kg (24.2 lb)	11 kg (24.2 lb)

Commercial series

CSA



Los amplificadores de la serie CSA ofrecen salidas estéreo y están diseñados para alimentar sistemas distribuidos en líneas de 70 y 100 voltios.

Los amplificadores de la serie CSA ofrecen una solución fiable para cualquier tipo de instalación permanente. Incluyen controles de ganancia en el panel frontal, entradas XLR y terminales de tornillo. Las salidas incorporan terminales de tornillos con barra protectora que ofrecen una conexión segura y fiable.

The CSA series amplifiers are D.A.S.'s latest offer in stereo amplifiers with 70 and 100 volt outputs for distributed audio systems.

The CSA series amplifiers offer a durable, cost-effective power solution for any permanently installed sound system. They include front located gain controls, XLR and screw terminal connectors. Covered barrier strip output connectors provide safe and reliable connections.

MODEL	CSA-300T	CSA-600T
Distributed Output Power Stereo Mode		
70 V or 100 V	150 W	300 W
Bridge Mono Mode		
140 or 200 V	300 W	600 W
Frequency Response	55 Hz-25 kHz +0/-3 dB	55 Hz-25 kHz +0/-3 dB
Signal to Noise (20 Hz-20 kHz)	-94 dB	-98 dB
Distortion (SMPTE-IM)	Less than 0.08%	Less than 0.07%
Distortion (typical)	Less than 0.03%	Less than 0.05%
Input Sensitivity (100 V)	0.64 V	0.9 V
Input Impedance	10 kohms Un-balanced 20 kohms Balanced	10 kohms Un-balanced 20 kohms Balanced
Output Regulation	1.5 dB	1.5 dB
Voltage Gain	32 dB (40x)	32 dB (40x)
Output Circuitry	Class AB	Class AB
Power Requirements	115, 230 VAC 50/60 Hz	115, 230 VAC 50/60 Hz
Current Draw (1/3 power - 70/100 V @ 230 V)	1.8 A	3.1 A
Dimensions (H x W x D)	8.8 x 48.3 x 43.9 cm 3.5 x 19 x 17.3 in	8.8 x 48.3 x 43.9 cm 3.5 x 19 x 17.3 in
Weight	12.1 kg (26.8 lb)	14.2 kg (31.4 lb)

Energy series



Los amplificadores de la serie Energy implementan el mismo criterio de diseño que se aplica a nuestros sistemas acústicos: la fiabilidad, las altas prestaciones y la máxima eficiencia en costes. La experiencia de más de 35 años en el diseño y la fabricación de amplificadores de potencia junto con una cuidada selección de los componentes electrónicos son responsables de estos amplificadores que aúnan una calidad sonora limpia y transparente con las máximas prestaciones de salida.

The Energy series amplifiers implement the same design standards as our loudspeaker systems; reliability, performance and cost efficiency. Over 35 years of design experience, together with a painstaking component selection, are responsible for amplifiers with clean, transparent sound quality and maximum output performance.

MODEL	E-8T	E-12T
Distributed Output Power Stereo Mode		
70 V or 100 V	450 W	650 W
Bridge Mono Mode		
140 or 200 V	790 W	1220 W
Frequency Response	60 Hz-16 kHz +0/-3 dB	60 Hz-16 kHz +0/-3 dB
Signal to Noise (20 Hz-20 kHz)	-92 dB	-92 dB
Distortion (SMPTE-IM)	Less than 0.02%	Less than 0.02%
Distortion (typical)	Less than 0.03%	Less than 0.03%
10 dB below rated power: 20 Hz-20 kHz		
Input Sensitivity (100 V)	1 V	1.2 V
Input Impedance	10 kohms Un-balanced 20 kohms Balanced	10 kohms Un-balanced 20 kohms Balanced
Voltage Gain	31.5 dB	31.5 dB
Output Circuitry	Class AB	Class AB
Power Requirements	115, 230 VAC 50/60 Hz	115, 230 VAC 50/60 Hz
Current Draw (1/3 power - 70/100 V @ 230 V)	4 A	5 A
Dimensions (H x W x D)	13.2 x 48.3 x 40.5 cm 5.3 x 19 x 16 in	13.2 x 48.3 x 40.5 cm 5.3 x 19 x 16 in
Weight	20.5 kg (45.6 lb)	22.6 kg (50.2 lb)