

CA series

CA SERIES CONSTANT VOLTAGE / RESISTANCE 1U DIGITAL AMPLIFIER

CA series professional power amplifier is an active PFC switching power supply, class D power amplification digital amplifier, using multi-loop control technology and modular design, with high reliability, sufficient power, outstanding sound, strong adaptability and other advantages. Especially for low-impedance, high-current power amplification technology, so that it has more than 95% efficiency and excellent stability; The switching power supply adopts active PFC and soft switching technology, which can adapt to the harsh grid environment and provide continuous surging power for the amplifier. CA series professional power amplifier can choose constant voltage or constant resistance output drive speaker; 1U body height, small size, light weight, more convenient to use.



SPECIFICATIONS

MODEL		CA4.05	CA4.10	CA4.20	CA2.30
RATED POWER (THD=1%, 1KHz, Continue sine wave 1KHz, one channel driving)	8Ω/STEREO	4X450W	4X1000W	4X2000W	2X3000W
	4Ω/STEREO	4X765W	4X1700W	4X3400W	2X5100W
	2Ω/STEREO	4X1300W	4X2890W	4X5780W	2X8670W
	16Ω/BRIDGE	2X900W	2X2000W	2X4000W	1X6000W
	8Ω/BRIDGE	2X1530W	2X3400W	2X6800W	1X10200W
	4Ω/BRIDGE	2X2600W	2X5780W	2X11560W	1X17340W
INPUT VOLTAGE	100V CONSTANT	4X765W	4X1700W	4X3400W	2X5000W
INPUT SENSITIVITY	Selectable:: 1.0V,0.775V(Rated Output Power, 1kHz)				
THD+N	Typical Value: 0.05%(10% Rated Output Power, 1kHz)				
CROSSTALK SUPPRESSION	≥90dB(Below Rated Power, 1kHz)				
FREQUENCY RESPONSE	Typical Value: ±0.5dB(10% Rated Output Power, 20Hz-20kHz,Lo-Z,8Ω)				
	Typical Value: ±0.5dB(10% Rated Output Power, 120Hz-16kHz,Hi-Z)				
INPUT IMPEDANCE	20kΩ(Balanced), 10kΩ(Unbalanced)				
DAMPING FACTOR	Typical Value: 300(20Hz-200Hz,Lo-Z,8Ω)				
SIGNAL TO NOISE	≥100dB(A Weighted)				
MAIN POWER SUPPLY	100-240 VAC ±10%,50/60 Hz				
PROTECTION FUNCTION	Under Voltage、 Overheating、 Overload、 Direct Current				
DIMENSIONS (W×D×H)mm	483x370x45			483x465x45	
PACKAGE SIZE (W×D×H)mm	570x520x130			590x590x135	
NET WEIGHT	8.0kg	9.1kg	12.3kg	12.3kg	12.3kg
GROSS WEIGHT	10.3kg	11.2kg	14.9kg	14.9kg	14.9kg