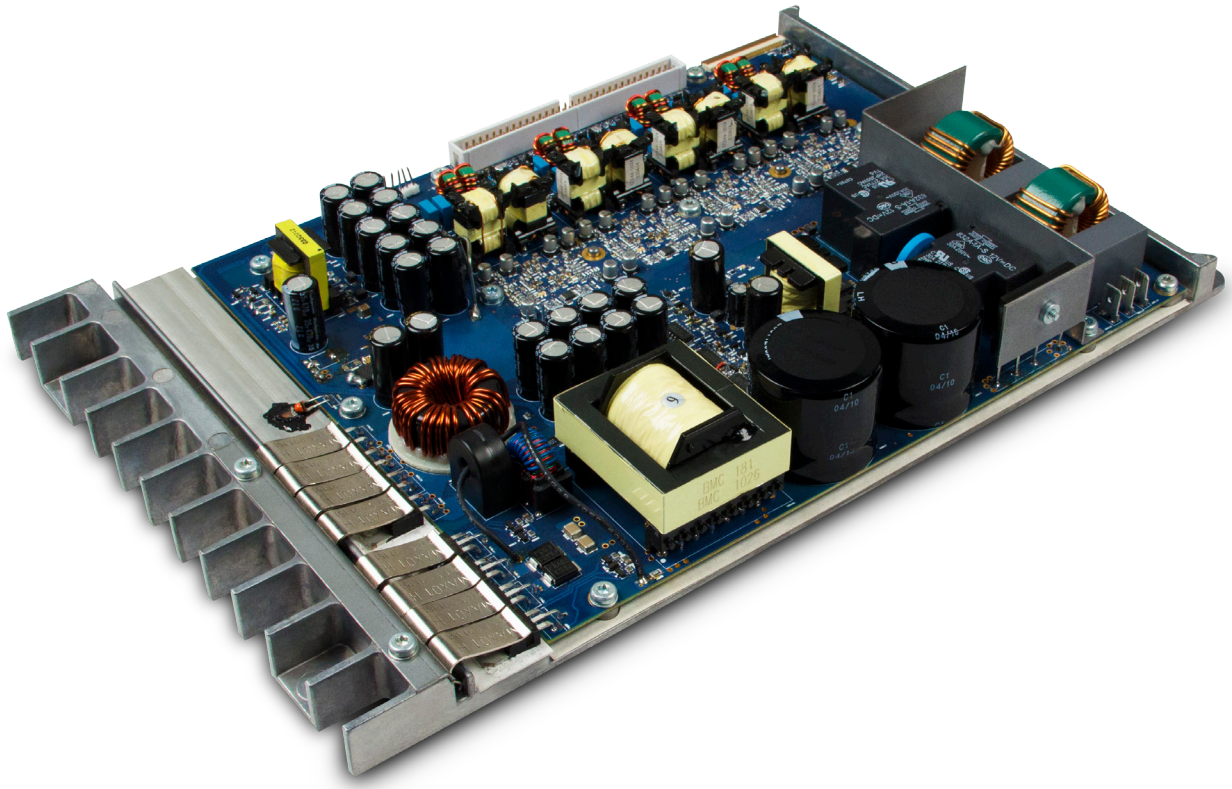
EMPOWER by Crown

125W, 2/4/8 channel



Features

Active loudspeakers are the new must-have, but embedded amplifiers have left much to be desired until now. Only Crown technology gives you and your customers measurable, consistent performance plus long-term reliability.

- Crown's exclusive DriveCore™ technology, for maximum power with minimum space requirements
- Ultra-low distortion rate, measured as low as <.1% with noise >110dB S/N — giving sound clarity that only Crown can deliver
- Up to 2/4/8 x 125W continuous at 4Ω and 8Ω
- ISO certified
- Auxilliary DC supply 30W to support a variety of needs, including input cards, networking, or 58-pin flat/flex cable
- Peak voltage as high as 32Vrms, with peak current 9A
- Global power supply runs on 85-265VAC, 50-60Hz

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Performance Specifications	125W, 2/4/8 channel
Output Topology	DriveCore™ Class D (bridged)
S/N Ratio (ref 8Ω, 20Hz-20kHz, A-weighted)	110dB
IMD	0.05%
Frequency Response (1W, 8Ω)	+/- 0.5dB
Voltage Gain	16dB (amp only)
Crosstalk (below 8Ω rated power) 1kHz	>70dB
DC offset	+/- 20mV
Output Voltage Capability	32Vrms
Output Current Capability	9A peak
Load Impedance Recommended	4Ω-8Ω
Overall Efficiency	>75% at 1/3 power
Standby/Sleep Power Consumption	<1.0W

Operating Temperature Range	0-40C
AC Mains Operating Voltage/ Frequency	85-265VAC, 50-60Hz
Power Factor Correction	No
DC Rail Voltage	+/- 27V
Aux Power for Input/DSP	±12V at 250mA +5V at 3mA +12V at 25mA* +5V at50mA*
Maximum Aux Power Draw (total across all voltages)	—
External Fan Driver	No
Input Connector: analog audio, voltage/current monitor, status control/ monitor. All models use either spi or I2S for configuration of DriveCore™ modes	60-pin flat flex
Output	64-pin ribbon cable

*Always on

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