



APS-55 220V Power Supply

Tech Sheet

Cascade Audio Engineering's new **APS-55 220V Power Supply** is ideally suited for the mobile environment. This power supply features regulated and filtered outputs which allow for clean audio demonstrations without the slightest hint of noise. Its low profile design allows for convenient mounting under a display vehicle or behind a display board. The **APS-55 220V** power supply may be used with or without a battery. When combined with a high quality battery, it can supply transient surges up to 1000 amps. For installations where use of a battery is not possible, Cascade Audio's CAP-1 (one Farad) or CAP-0.5 (one-half Farad) capacitors may be used.

Virtually Silent Operation

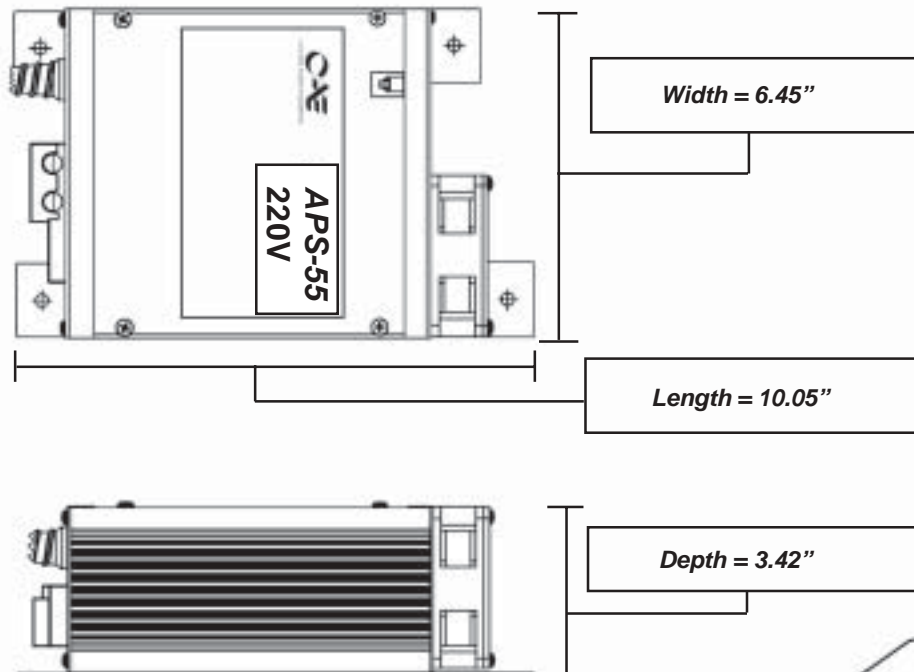
All **APS Power Supplies** utilize an advanced switching design. There is no low frequency transformer hum. Every unit is equipped with a cooling fan that is virtually silent. **APS Power Supplies** all feature thermal control circuitry that engages the fan only when internal temperatures require it (typically 75% of full load).

Small Compact Size

The switch mode technology utilized in the **APS-55 220V** boasts *86% efficiency*. This superior design results in cooler operating temperatures and compact size. Up to six of these lightweight power supplies can be connected in parallel for even greater current capability.

Suggested Applications:

- Display, Audio Demo & Show Vehicles
- Marine & Recreational Vehicles; Battery maintenance & storage
- Retail Store Displays
- Industrial Applications
- Communications





APS-55 220V Specifications

DC Output Voltage Approx. (no Load)	13.6V (DC)
Output Voltage Tolerance (No Load)	+/- 0.7%
Output Amperage, Max Continuous	55 Amps
Output Voltage (Full Load) Approx.	>13.4V (DC)
Maximum Output Amps, Single Surge	55 Amps
Maximum Power Output, Continuous	740 Watts
Maximum Ripple and Noise	100 mV rms
Input Voltage Range	150-250
Input Voltage Frequency (single phase line)	47-63Hz
Maximum AC Current @ 200VAC	7 Amps
Typical Efficiency	80%
Max Inrush Current, Single Cycle	20 Amps
Short Circuit Protection	Yes
Overload Protection	>100%
Line Regulation	100 mV rms
Load Regulation	<1.5%
Fan Control	Proportional
Over Temperature	Off @ 80c
Working Temperature Range	0-40c
Storage Temperature	-20 to 80c
Weight	6.92 lbs. U.S.