



THINGS TO REMEMBER ABOUT APS POWER SUPPLIES

AC Power –

- The APS-15, 30, 45, and 55 require a **15 amp** circuit.
- Two of the APS-15, 30, 45, and 55 units can be powered from a single **20 amp** circuit
- The APS-75, 90, and 100 require a **20 amp** circuit for **EACH UNIT**

Unit Facts –

- Up to six IDENTICAL units may be connected in parallel for higher output
- (Refer to AC power requirements above)
- The quick charge plug should **ONLY** be used for quick charging. Remove promptly after batteries are charged! (The APS-100 does not support dual voltage operation)
- The cooling fan is proportional. It will not come on until needed
- The APS 15, 30, 45, 55, and 75 are **UL Listed**
- The APS-75 has a polarized 20 amp plug. *(No, it is not a 220 volt plug!)*
 - Altering the plug in any way voids the warranty
 - CAE has extension cords and wall plates to facilitate the polarized plug
 - The polarized plug is to assure the unit is powered by a 20 amp circuit

How to choose an APS Power Supply for Show Vehicle use

Power:

Power must be purchased from every venue. A 15 amp “drop” will cost much less than a 20 amp “drop”. The APS 55 will provide 740 CONTINUOUS watts. This is generally plenty of power for most systems.

However: If there is a need for more than 740 watts, be sure to purchase a 20 amp “drop”. This will power one of our larger units or two of the APS-55’s for 1,480 continuous watts!

As always, CAE is available to help supply the correct APS Power Supply for any system. Contact us with any questions.

Extension Cords:

Purchase the largest heavy duty contractor cord. Obtain the shortest length possible for the application. CAE recommends not using an extension cord longer than 10 feet with the APS-100.

If longer length is needed, the APS 90 has a better voltage buffer.

CAE Recommends the following Extension Cord specs:

APS-15 – APS-55: 14/3 APS-75 – APS-100: 12/3 – Longer than 50 feet: 10/3

How to choose an APS Power Supply for Store use

Size:

Whichever unit is purchased, we recommend the consideration of purchasing an additional unit for backup and testing purposes. It would be very handy to have an APS unit in the install bay to test amplifiers.

Additionally, if the display unit goes down for whatever reason, there will be a backup unit already in house to carry on daily business.

Power:

Be sure that the APS unit is plugged in to a dedicated circuit. This is the best way to assure the unit has the correct amount of power available to operate properly. Refer to power requirements above for proper amperage.

HOW MANY WATTS DO THEY PRODUCE?

APS-15:200 / APS-30:400 / APS-45:600 / APS-55:740 / APS-75:1000 / APS-90:1200 / APS-100:1340

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