

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Constant Voltage - AC Regulator (+/- 120VAC to 120VAC) CV

Series

Plug-In

 **Note:** This product line has been discontinued as a stocked series. Information is for reference only. For alternative solution assistance, please contact Hammond Customer Service - sales@hammfg.com or USA (716) 630-7030, Canada and International (519) 822-2960.



Features

- AC regulating - protects against both brownouts & over voltage conditions.
- Protects against any power problem other than a blackout.
- Will operate through a 3 millisecond (minimum) blackout.
- Long life - ferroresonant design - no moving parts.
- Ferroresonant design also filters out surges, line harmonics, and RF noise.
- Input 120VAC (+10 % to -25 %), 60 Hz
- Output 120VAC (+/- 3 %).
- Provides circuit isolation.
- Noise Isolation (RF) of 120 db common mode, 60 db normal mode.
- Spike attenuation: 250:1 minimum.
- Sine wave output - total harmonic distortion (THD): 3 %
- Units also include a 2nd stage of high frequency filtering on the output - a Hammond Mfg. exclusive.
- Operating temperature range of -40 degrees C to +40 degrees C.
- Standard 3-wire, grounded plug & receptacle.
- Front panel lighted power switch.
- Input (primary) connected to an extra long 15 foot, heavy duty 14/3 SJTW cord for extreme temperature ranges.
- Integral molded, standard North American plug (NEMA 5-15P).
- Output (secondary) connected to a rear mounted, standard North American, grounded receptacle (NEMA 5-15R) - quantity depends on power capacity of unit (see table below).
- Rugged two piece ventilated steel enclosure.
- Finished in a grey/beige color, textured powder paint with rubber feet installed.
- **NOTE 1:** Due to the nature of ferroresonant designs - these units do produce audible noise. We have reduced this through careful design, but these units are NOT usable in an office environment.
- **NOTE 2:** These units provide **complete** isolation from the source voltage. In other words, the "neutral" output wire has no connection to ground, this is a UL requirement for this type of device. Therefore plug-in circuit testers & line "polarity" testing devices will NOT function on the output as it is completely isolated.
- North American Mark of Safety: C UL & UL listed (File #E211544).
- Indoor use only.

Gallery



Accessories

- International Grounded Adaptor Plugs

Part No.	VA	Capacity	Outlet Qty	Overall Dimensions			Weight
		Amps (RMS)		H	W	D	Lbs
CV120300	300	2.5	2	7.00	7.13	12.30	25.3
CV120600	600	5	4	9.00	10.13	19.50	48
CV1201200	1200	10	4	9.00	10.13	19.50	74
CV1201800	1800	15	6	12.00	12.13	20.50	95

Data subject to change without notice