

# Converter/Battery Charger

## DCV-30F



**NEW!  
FERRORESONANT  
DESIGN!**

This converter is designed to provide true electrical self-containment for recreational vehicles. It converts 120 Volts AC into 12 Volts DC to operate lights, fan motors, waterpump, etc., within the vehicle. There is no longer a need for dual wiring or dual fixtures. Everything operates efficiently and safely on a 12 volt low voltage system and the unit even charges your battery while in operation. The advance design of this 30 Amp converter provides exceptional reliability.

**Features:**

Fully regulated output assures efficient battery operation — Protection against accidental shorts — Completely solid state design — Intermittent overload capabilities — Underwriters' Laboratories approved.



**NEWMARK**®  
PRODUCTS INC.

10648 S. Palmer Ave.,  
Santa Fe Springs, Calif. 90670

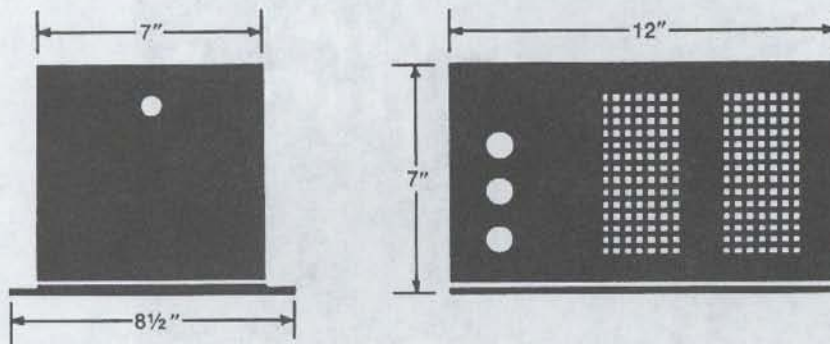
# Description

Newmark's Converters and Battery Chargers work on a demand system. They will supply all electricity for your load i.e. lights, fans, ect.; any unused capacity is charging the battery. The charge rate is highest when the battery is discharged and almost zero when the battery reaches full charge (approx. 14 volts). If total load exceeds the capacity of the converter, the battery will supply the additional energy needed. All units are fully automatic and do not need switches or relays. Battery must be connected at all times when converter is operating or damage may result.

# Specifications

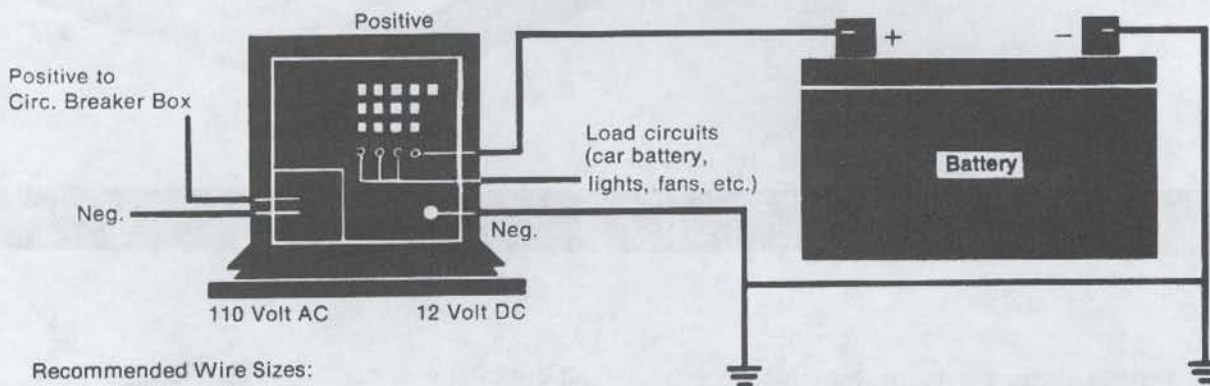
Input Volts:	120 AC-60 cycles	Output Volts:	13.8 DC
Input Amps:	4.5	Output Amps:	30
Unit Weight:	31 lbs.	Shipping Weight:	33 lbs.

# Dimensions



Leave 3" clearance on sides and top or install in compartment of not less than 1.5 cu-ft. Do not obstruct ventilating openings, overheating may result.

# Typical connection diagram



Recommended Wire Sizes:

Negative and positive AC:	15 AMP rated Romex
Negative and positive DC:	up to 15 AMP 14 ga. stranded copper wire
	16 to 20 AMP 12 ga. stranded copper wire
	21 to 30 AMP 10 ga. stranded copper wire



10648 S. Painter Ave.,  
Santa Fe Springs, Calif. 90670  
(213) 941-0295 (714) 521-8210