



# TRIAD-UTRAD

Converter/Battery Charger

**30 Amp 40 Amp  
50 Amp 70 Amp  
Models  
UL & CSA listed**

Thermal Protected

## Description

30 YEARS of Triad Utrad transformer design and manufacturing provides the most advanced and trouble free Converter/Battery Charger System in the industry.

The Triad Utrad design employs a Constant Voltage Transformer giving a constantly regulated DC output with any AC line input from 90 to 130 Volts. No more undercharging batteries due to low Park voltage conditions, or overcharging due to high line conditions.

The converter has no electronic regulator circuits, which can burn up, change in value, and cause damage to batteries, water pumps, and fluorescent lights.

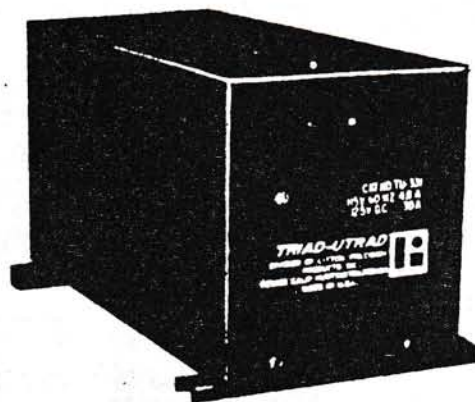
The converter provides a full 12.1 Volts output under full load, and a maximum of 14.1 Volts at the battery when it has reached full charge. The converter output cannot exceed this voltage, which is the maximum level necessary to keep a battery fully charged.

The Triad Utrad converter will never be damaged by overloads, up to, and including, a dead short. It will withstand a dead short for an indefinite time, and will resume normal operation as soon as the overload or short is removed.

The converter is exclusively produced with an external fuse distribution panel which permits improved engineering flexibility for the manufacturer. The converter can be mounted in a remote location, and the fuse panel installed for A: electrician and customer accessibility, B: improved cabinet storage, C: centralized service with the 110V breaker panel, and D: improved coach decor

DISTRIBUTED BY:

  
28706 Holiday Place  
Elkhart, IN 46517  
219-293-8633



**TRIAD-UTRAD**

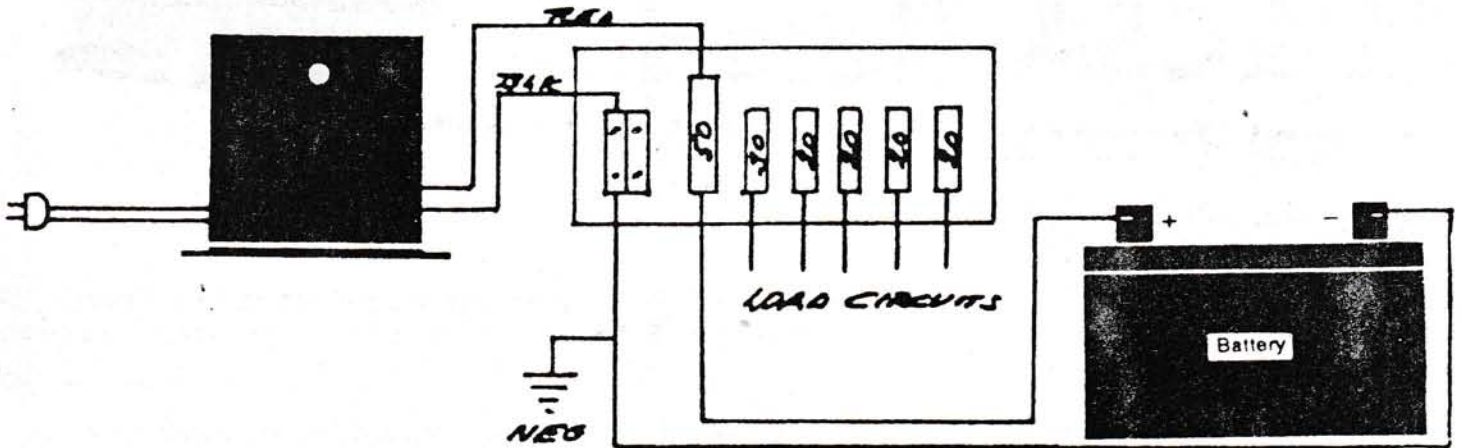
305 North Briant Street, Huntington, Indiana 46750

# Specifications

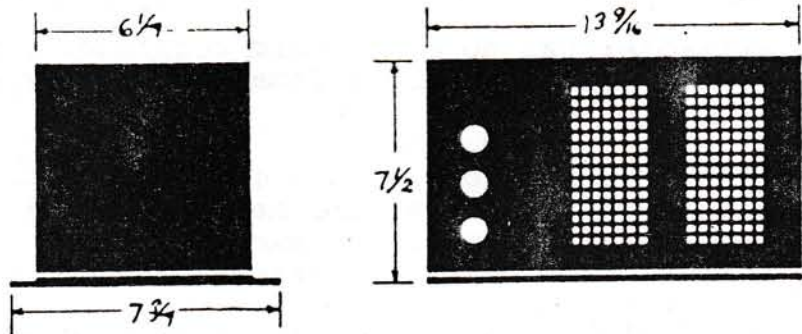
Model	Rating	Max. Load*	Output Voltage	Input Voltage	Input Curr.	Unit Weight
Tu 430-2T	30 Amp	40 Amp	12.1	90-130V 60 HZ	5.0 A	25 lbs
TU 540-2	40 Amp	50 Amp	12.1		6.3 A	37 lbs
TU 550-2	50 Amp	65 Amp	12.5		7.3 A	43 lbs
TU 570-2	70 Amp	85 Amp	11.6		11.0 A	48 lbs

\* Current limit point of unit

## Typical connection diagram



## Dimensions



## WARRANTY

TRIAD/UTRAD warrants each new TU Converter/Battery Charger for two years from date of manufacture against any defect in material or workmanship. It agrees to repair or replace any such defects, without charge for parts or labor, provided the defective unit is returned, prepaid, within this two year period.

Responsibility is not assumed for damage due to accident, faulty wiring to vehicle electrical system, use of incorrect wire sizes in conjunction with the converter/battery charger. A code indicating the date of manufacture is on each unit. For example: if the code reads "17-7338" it means that the unit was made in the 38th week of 1973.