

Introduction

These wall mount, high precision, temperature compensated battery chargers are intended for use with either lead acid or nicad batteries used for standby operation with Nautel NDB's. They are designed to constantly maintain the batteries in an optimum, fully charged condition and to prolong their operating life to the maximum possible extent. Models are available for 48 volts rated at 3 amps or 7 amps. The batteries are charged at a preset constant current, which is interrupted every eight seconds while their terminal voltage is measured. When this voltage reaches a temperature compensated level, preset to suit the battery manufacturer's recommendation, the constant current charging is discontinued until the terminal voltage reduces.

Technical Summary

Battery Charging Data

Battery Voltage: (full charge, no load)
Adjustable from 51-67 volts with automatic temperature compensation.

Charging Current:

NAB5 - Adjustable up to 3 amps
NAB7 - Adjustable up to 7 amps

AC Power Requirements

NAB5 - 115/230 V ac, 50/60 Hz @ 250 VA
NAB7 - 115/230 V ac, 50/60 Hz @ 750 VA

Environmental Limits

Temperature:
-10°C to 55°C
Relative Humidity:
0 to 90%

Recommended Batteries

Lead Acid or Nicad

Mounting

Wall

Dimensions

NAB5:
35 cm x 30 cm x 15 cm
(14 in x 12 in x 6 in)

NAB7:
41 cm x 36 cm x 25 cm
(16 in x 14 in x 10 in)

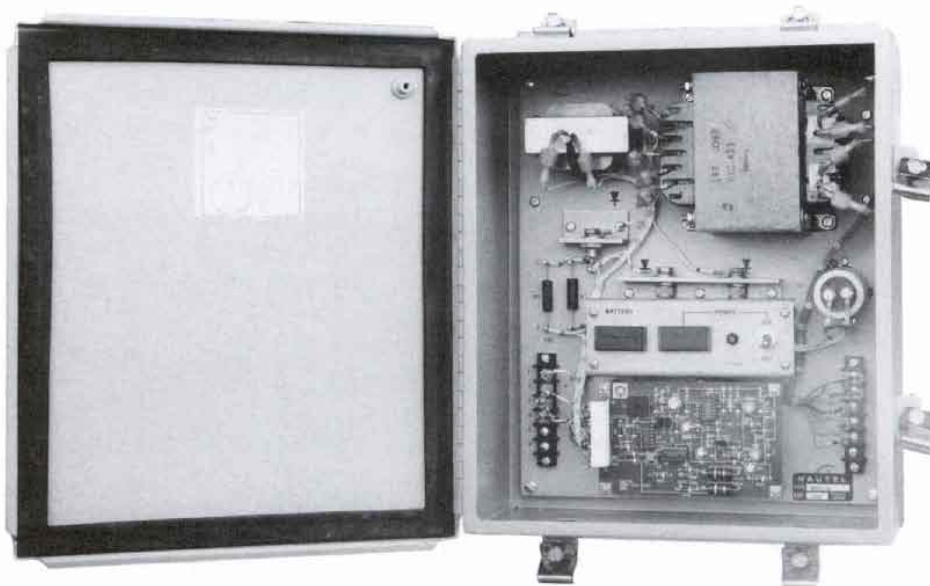
Weight

NAB5 - 18 kg (40 lb)
NAB7 - 25 kg (55 lb)

Recommended System Combination

ND500II NDB system

Specifications subject to change without notice.



NAB5 model shown

