

DEPENDABLE POWER SYSTEMS

LOAD BANK FOR 125VDC AND 48VDC

Installation, Operating, And Maintenance Instructions

WARRANTY

Dependable Power Systems warrants, FOB factory, that the power system delivered will be of the kind and quality described in the order or contract. In connection with the power system sold, Dependable Power Systems agrees to correct any defect(s) in workmanship or normal use (excluding the batteries, which are warranted by the manufacturer) during the period of one year from date of shipment, by repair or replacement of defective part(s). Such correction shall constitute a fulfillment of all Dependable Power Systems liabilities in respect to the power system sold. In no event shall Dependable Power Systems be liable for consequential damage.

DANGER

HAZARDOUS VOLTAGES EXIST INSIDE HIS UNIT EVEN WHEN THE UNIT NOT CONNECTED. Do not use uninsulated tools or touch before uninsulated wires. Check for voltage on terminals handling, and disconnect the AC input at the service panel before making any connections.

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GENERAL:

The load bank is designed to test the batteries under load. The Load Bank is changed from 125Vdc to 48VDC by changing the bus bars located in the small door on the top left of the unit.

For operation at 125VDC an external 220VAC power is required to power the fans. When used at 48VDC fans are not required.

OPERATION:

Connect the load wires #2 red to positive and #1 black to negative of the battery to be tested.

For 125VDC batteries connected 220VAC to the terminal block with the white and black wires per the Outline and Interconnect drawing. The terminal block is located at the bottom left of the unit.

The load step breakers can than be closed until the proper current is reached. When operating on 125VDC, closing the breakers without fans will cause the breakers to trip off.

By using the meter switch, the meter on the front of the load bank can read either the DC volts or Amps.

Do not place anything on top of the load bank while it is operating. This could cause a failure of the load elements.