

# Power Supply

**PS-24BD**

**DC-Digital**<sup>™</sup>  
by **IES** Ltd.



## Features

- Only two wires required
- Made in USA
- Powers all DC-model clocks
- Minute and 12-hour correction
- 1-year warranty
- Fan-cooled
- Thermal breaker
- Steel-vented case

## Specifications

- **AC Input** 110 VAC, 5ampere (5amp thermal breaker)
- **DC Output** Unregulated 24 VDC at 15 ampere; 3% rms ripple at nominal line voltage at full rated load.
- **Operating Temp.** 0° to 49° Celsius or 32° to 120° Fahrenheit. Derate linearly to 60% operating level at 70° Fahrenheit (fan- cooled)
- **Case** 20 gauge steel: 17"W x 7.5"H x 10"D (ventilated)
- **Case Finish** Gray-baked enamel finish
- **Weight** 30 lbs.
- **Protection** Power supply is UL recognized under file #E45274, CSA certified

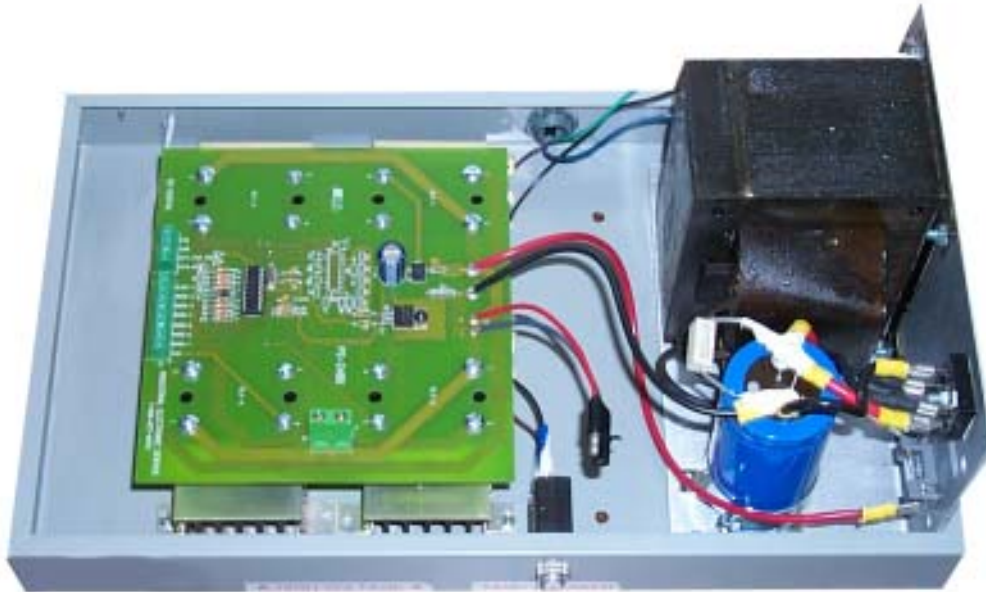
## DC-Digital PS-24BD Description

The PS-24BD power supply is designed and approved to supply and switch raw unregulated power for the DC-Digital clock line. The PS-24BD will operate up to (100) DC-25AL or (50) DC-40 clocks with a maximum load of 15 ampere. The PS-24BD will operate anywhere in the data line of a DC-Digital system, as well as at the clocks head end. The PS-24BD receives data from the master clock\*: and converts the data to DC-Digital protocol including time/words.

\*Please call for the complete list of compatible master clocks.

# DC-Digital PS-24BD Power Supply Inside Layout

Top View



### Power Supply Wiring Diagram

