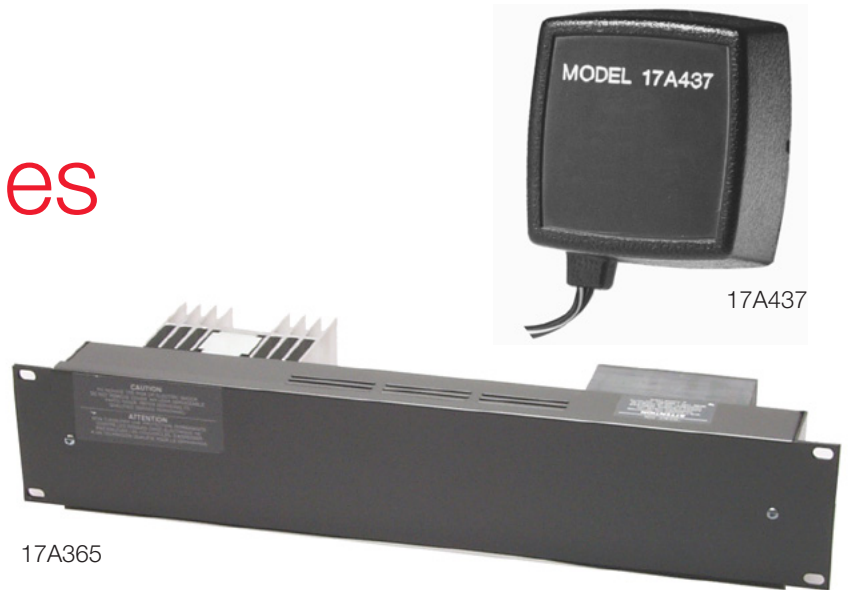


Power Supplies

17A365, 17A437



Overview

17A365 Regulated DC Power Supply

The Edwards Model 17A365 Regulated DC Power Supply is a rack-mounted, regulated DC power supply that operates from a 105 - 125Vac primary source, and provides 24Vdc at 3.2 amps with overload protection. Operating under an electronic foldback principle, the output is self-restoring when the overload or short condition is removed.

17A437 Power Supply

The Edwards Model 17A437 Power Supply is designed to be used with the Edwards Model 1A881 Remote Microphone Pre-amplifier, 2A68A Mixer/Pre-amplifier, 2A95 Line Amplifier, and the 15A266A Multi-Tone Generator. It is a compact plug-in DC power supply, intended for use where 24Vdc (nominal) at 80mA maximum is required. It comes with a 6-foot (1.8 m) cord.

Standard Features

17A365 Regulated DC Power Supply

- Continuous duty operation
- Regulated 24Vdc @ 3.2A
- Wide input voltage range
- Electronic foldback output protection
- Standard rack mounting

17A437 Power Supply

- Convenient plug-in construction
- Underwriters' Laboratories listed

Engineers' Specification

17A365 Regulated DC Power Supply

The power supply shall be Edwards Model 17A365. It shall furnish 24Vdc at 3.2 amperes. The supply shall operate on 105Vac to 125Vac by use of primary transformer taps. The input shall be protected by a 2-ampere fuse externally, and a 2-ampere fuse internally. The output shall be protected by an electronic foldback circuit and a 3.2-ampere, resettable circuit breaker. The foldback circuit shall be self-restoring when the overload or short condition is removed.

The power supply shall be 3-1/2 inches (8.9 cm) high, 19 inches (48.3 cm) wide, and 5-1/2 inches (14.0 cm) deep, and shall be finished in charcoal-colored baked enamel. External connections shall be to screw terminals.

17A437 Power Supply

The power supply shall be Edwards Model 17A437. It shall operate from a 120Vac, 60Hz line voltage. The output voltage shall be 24Vdc +/-1V at 80mA. The no load voltage shall be 32Vdc maximum, and the ripple voltage shall be less than 120mVac +/-10% with a 300-ohm load. The complete power supply shall measure 1-3/4 inches (4.4 cm) wide, 2 inches (5.1 cm) long, and 1-3/4 inches (4.4 cm) deep. The power supply unit shall weigh 8 ounces (227 g).



Detection & alarm since 1872

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Specifications

17A365 Regulated DC Power Supply

Rated	24Vdc at 3.2A
Output dimensions	3-1/2" (8.9 cm) high, 19" (48.3 cm) wide, 5-1/2" (14.0 cm) deep
Power required	105Vac to 125Vac, 50/60Hz at 170W nominal
Net weight	12 pounds (5.4 kg)
Regulation	Less than 2%
Finish	Charcoal-colored, baked enamel
Ripple	Less than 10mV (rms)
Terminations	Screw terminals

17A437 Power Supply

Output voltage	24Vdc +/-1V
Input voltage	120Vac, 60Hz
Output current	80mA
Output cord	6' (1.8 m) long +/-1" (2.5 cm) strip, with 1/2" (1.3 cm) tin ends
No load voltage output	32Vdc maximum
Cord polarity	Positive: black/white or equivalent Negative: black
Ripple	120mVac +/-10%, with 300 Ohm load
Net weight	8 oz (227 g)

Ordering Information

17A365	Regulated DC Power Supply
17A437	Power Supply