

10.25 Amp Power Supply

VF8140 and VF8141 Series



Standard Features

- Continuous 8A load output while charging fully depleted batteries
- Charges up to 40Ah batteries
- Listed to UL 1481 & 864
- 120V to 240V AC input
- AC fail monitoring with LED indication and output
- Battery disconnection monitoring with LED indication and output
- Low battery monitoring with LED indication and output
- Dynamic Earth fault monitoring with LED indication and output
- Deep-Discharge Prevention
- Temperature compensated battery charging
- Battery Boost Circuitry

Options

VF8140-xx	10.25 Amp Power Supply, Standard Depth Cabinet, up to 18 AH Batteries
VF8141-xx	10.25 Amp Power Supply, Deep Depth Cabinet, up to 40 AH Batteries

xx = 10 (Red) or 40 (Gray)

Technical Specifications

Construction	18AWG sheet steel
Dimensions	Standard 14.41"W x 18.72"H x 4.25" D Deep 14.41"W x 18.72"H x 7.75" D
Operating Temperature	32° F to 120° F
Operating Humidity	up to 93%, non-condensing
Input Voltage	120 to 240V AC 50/60Hz
Output Voltage	24V DC
Total Output Current	10.25 A
Battery Charge Current	2.5 A
Load Current	8.0 A (with flat battery)
Trouble Outputs Rating	30 VDC 1A Max
Fuse	5A 20mm HRC
Load Fuses	10A (self-resetting)
Finish (lid and box)	RAL3002 (Red) or BS 00 A 05 (Gray)
Finish (product labels)	BS 00 A 05 (Gray)

Product Overview

The VF8140 and VF8141 is a UL listed, universal input switching power supply capable of delivering a full 192W of continuous power for fire alarm systems.

Suitable for charging a range of sealed lead acid batteries from 7Ah to 40Ah, the VF8140 and VF8141 power supply features complete monitoring of primary and secondary power sources with fully temperature compensated battery charging and battery high impedance monitoring.

