POWER PANELS

Light Sport Power Panel

The Light Sport Power Panel was designed for LSA and light aircraft applications. It offers a new degree of flexibility in modern “Glass Panel” equipped aircraft. The electrical power bus is split into three segments including the Main Bus, Radio Bus and the Essential Bus. The Radio Bus is switched and filtered. The Essential Bus can be wired directly to the Main Bus or easily connected to a backup system such as the Composite Design Power Guard. This allows dependable, constant power to critical flight and engine instruments. As with all Composite Design power systems, this panel is rugged, serviceable and dependable.

Specifications:
- 14 Circuit Breakers: Main Bus - Fuel Pump, Landing Light, Nav Light, Strobe, Panel Power, Accessories
- Radio Bus (Filtered) Radio 1, Radio 2, Transponder, GPS, Audio Panel
- Essential Bus: EFIS#1, EFIS#2, Flight Instruments, Engine Data
- Dimensions & Weight: 2.375”H x 10.5”W x 6.5”D, approx 2.5 lbs.

Homebuilder’s Panel............. P/N 11-11675................ $743.00 ea
Mini Power Panel............. P/N 11-11680................ $955.00 ea

Power Guard Module

The Power Guard Module manages up to 10 Amps of secondary power for aircraft accessories that require back-up power. Typical accessories include electronic ignition, electronic engine/flight instrumentation and EFIS systems. The module works with a small 7-10 A secondary battery. The on board board circuit includes a secondary battery master relay, primary power controls, filter and charging circuit.

Dims: 4.75”L x 2.75”W x 1.2”H
P/N 11-02044................ $135.95

Solid State Avionics Electronic Switch

This Avionics Switch is a solid-state SMT device designed to replace the conventional mechanical relays earlier used. The switch incorporates MOSFET (Metal Oxide Silicon Field Effect Transistor) transistors for switching the high current with no moving parts and no electrical arc to prevent fuel fumes ignition. The switch incorporates MOSFET (Metal Oxide Silicon Field Effect Transistor) transistors for switching the high current with no moving parts and no electrical arc to prevent fuel fumes ignition. The Avionics Switch is enclosed in an aluminum enclosure for EMI/RFI protection and for easy installation onto the aircraft.

P/N 11-04335................ $152.00

Prices Subject to Change Without Notice

Vertical Power VP-X

The VP-X integrates with many popular EFIS products enabling you to monitor and control your entire electrical system on the EFIS display. In addition using the EFIS for attitude, navigation, and engine information, you can now use the EFIS display to monitor the health of your electrical system, view and control the status of individual circuits, and respond to circuit faults.

Vertical Power offers these capabilities through the use of a patented electronic circuit breaker (ECB) technology that is at the core of all of our products. Of course, ECBs provide circuit protection like old-fashion thermal circuit breakers, but ECBs do a lot more than just detect circuit faults. ECBs are intelligent, configurable, and offer capabilities not otherwise available with old-style breakers. For example, ECBs can detect a burned-out landing light or disable the starter circuit while the engine is running.

The VP-X supports a single bus electrical architecture with a single or dual alternator configuration. It additionally supports the ability to measure the voltage on an aux battery. There are enough circuits to wire a typical RV (including the RV-10), Glasair, Lancair Legacy, Velocity, Cozy, or other 2 to 4 place aircraft.

Specifications:
- Power: 4-32 volts DC, 60A max continuous
- Weight: 1.9 lbs

Note: Either a wiring harness kit or connector-only kit is required with the VP-X system.

Vertical Power VP-X-Pro............. P/N 11-09293............. $2,195.00
Vertical Power VP-X Sport............. P/N 11-09294............. $1,495.00
VP-X Pro Wiring Harness............. P/N 11-09295............. $995.00
VP-X Sport Wiring Harness............. P/N 11-09296............. $525.00
VP-X Sport Connector-Only Kit............. P/N 11-09834............. $215.00
VP-X Pro Connector-Only Kit............. P/N 11-09835............. $215.00
VRX Mounting Tray............. P/N 11-13135............. $165.00

Crimp Tool (Req. w/ Connector-Only kit)............. P/N 11-09836............. $69.95

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