



The Integrated Photonics Technology (IPITEK®) Modular DTX Power Supply is a flexible plug and play solution for your power needs. Designed primarily as a reliable power source, it will provide your system with years of trouble-free performance.

This switch mode supply is standard with 110/220 VAC input power (-48 VDC available). It provides +24 VDC, +12 VDC and -12 VDC outputs, with up to 400 watts total power out, to a maximum of eight transmitters/receivers and the Fan Bay.

The supply has a broad input range, 90 - 256 VAC, which enables your system to continue operating under unusual conditions such as a brownout.

Green front panel LEDs provide a convenient method of monitoring your system for power and error-free operation.

FEATURES & BENEFITS

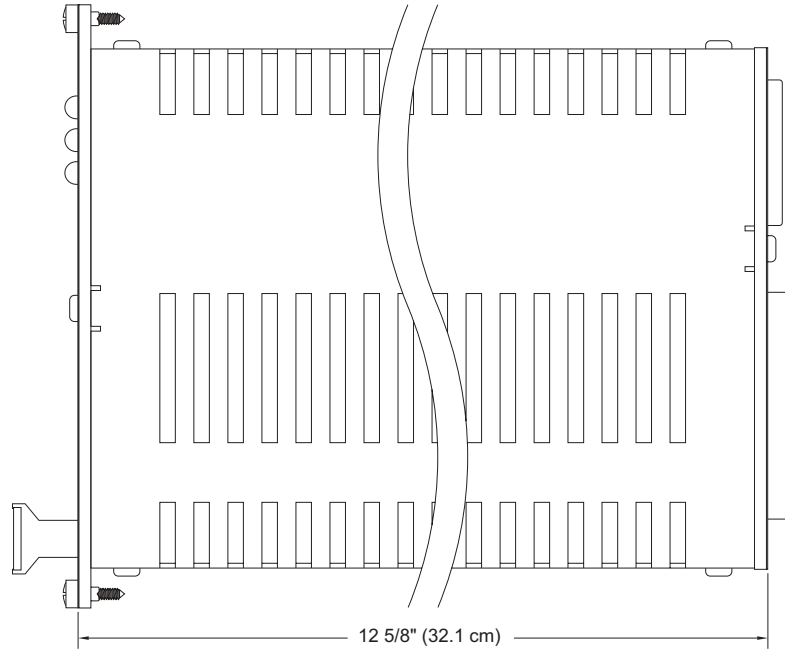
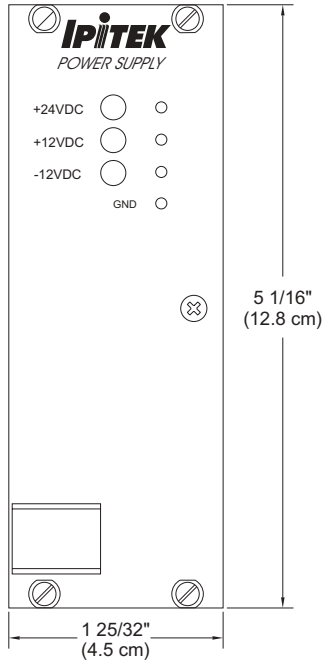
- **Accepts 115/220 VAC Input at 50/60 Hz, -48 VDC Available**
- **+24 VDC, +12 VDC and -12 VDC Outputs**
- **Plug & Play Operation**
- **Powers up to 8 DTX Compatible Modules and Fan Bay**
- **90 - 256 VAC Input Range**
- **Provides Redundancy**
- **Hot-Swap Item**
- **Modular Design**

Load sharing can be facilitated with a redundant power supply. This dual system ensures that continuous power will be maintained in the event of a supply failure.

The DTX Power Supply is an integral part of IPITEK's new line of modular transport systems. All modules in the DTX family occupy a single slot, which allows each rack-mount chassis to be customized. This means that you can design your system with one power supply and a combination of eight transmit, receive, amplifier, combiner or other transport modules or two supplies and seven transport modules.

In essence, this flexibility encourages you to customize your system's configuration to best suit local distribution needs. Versatility and compact design are common traits found throughout all of IPITEK's product lines.

MECHANICAL



SPECIFICATIONS

Electrical Input

Input Voltage: 90 - 256 VAC
 Input Current Limit: 5 Amps
 Input Connector: IEC Plug

Regulated Outputs

Output Voltages (±0.5 VDC): +24 VDC @ 8 Amps
 +12 VDC @ 8 Amps
 -12 VDC @ 8 Amps
 Power Indicators: Green LEDs
 Ripple: 30 mV
 Efficiency: 80 - 85%
 Short Circuit Protection: Foldback current limiting
 Power Capability: 400 watts

Environmental

Room Ambient Temperature: 10°C - 50°C
 Storage Temperature: -40°C - 60°C
 Shock and Vibration: IEC 68-2-36
 IEC 68-2-6
 IEC 68-2-29
 Electrical Magnetic Compatibility (EMC): IEC728-1, FCC Part 15 Subpart J
 Electrical Magnetic Susceptibility (EMS): Class A
 International Safety Compliance: IEC 65
 Electrical Discharge Protection: IEC 801-2 8 kV
 Weight: 8.2 lbs.

ORDERING INFORMATION

DTX-PWS	-	09	-	X
DTX COMPATIBLE POWER SUPPLY		Chassis Compatibility 09 = 9 Slot chassis		Input Voltage 1 = 115/220 VAC, 50/60 Hz 2 = -48 VDC



2330 Faraday Avenue • Carlsbad • CA • 92008
 (760) 438-1010 • Toll Free (888) 4-IPITEK (447-4835)

IPITEK reserves the right to modify product specifications without prior notification.