



Features and Benefits

- **Choice of hot swappable AC, DC or AC/DC combination**
- **AC input from 95 - 256 VAC, 50/60 Hz**
- **DC input from 36 to 75 VDC isolated**
- **Quick disconnect front loading modules**
- **High efficiency hot swappable cooling system**

The integrated power supply system is a full plug and play solution for the powering requirements of the AST transport system. While a single power supply will provide the necessary powering for a fully loaded system, the chassis provides dual slots for operation with redundant power supplies.

The system allows for a choice of AC only, DC only or combined AC/DC powering. The supplies load into the front of the chassis, providing rapid and easy replacement in the case of a failure.

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

In a dual supply operation, the supplies are load sharing. In the event of a supply failure, the other supply will take on the full power loading.

Front panel LEDs provide a convenient methods of monitoring the system for power and error-free operation.

In addition, the supplies report to the AST status monitoring system, providing instant notification of a failure or other problem with the powering system.

The chassis power system is an integral part of IPiTEK's AST design. The power supply modules in the AST system occupy dedicated slots, which allows each chassis to be customized without the loss of any operating module spaces. This allows you to design your system for any combination of modules without having to lose space for powering.

SPECIFICATIONS

AST Power Supplies

Electrical Input

AC:**Input Voltage:** 95 - 256 VAC, 50/60 Hz**Power Consumption:** 400 W max. /280 W typical
typical**Input Connector:** IEC Appliance INLET C14**Output Voltages:** +24 VDC @ 10A
+5 VDC @ 40A
-5 VDC @ 20A**Environmental:**

Operating Temperature: 0°C to +50°C

Storage Temperature: -40°C to +70°C

EMC Compatibility (EMC): FCC Part 15; VDE, IEC, CE mark

International Safety Compliance: UL, CE Mark

Electrical Discharge Protection: Yes

Weight: AC & DC Supply: 6lb. / 2.7 Kg.

DC:**Input Voltage:** 36 to 75 VDC, Isolated**Power Consumption:** 400 W max./280 W**Input Connector:** Positronic PLB06M8000**Output Voltages:** +24 VDC @10A
+5 VDC @ 40A
-5 VDC @ 20A

ORDERING INFORMATION

AST-PWS**-****XX**

AST Power Supply

AC = AC Power Supply (95-256 VAC)**DC** = DC Power Supply (±36-75 VDC isolated)2330 Faraday Ave. Carlsbad, CA 92008 USA
(760) 438-1010 Toll Free (888) 447-4835IPITEK reserves the right to modify
product specifications without notice.