



THE SOLUTION



The **BrainyRack™** is a patent-pending equipment rack that monitors all of internal essential functions and is capable of handling multiple types of power in and power out, turning dirty power to clean performance.

The standard configuration will provide up to 7,200 Watts of power at 110V or 220V AC with a design power-backup supply lasting 30 minutes. The **BrainyRack™** is configured with sensors that monitor cabinet temperature, power load by phase, operation of the UPS's, and sensors that allow the detection of a "heartbeat" for servers in the **BrainyRack™**. Nominally, the heartbeat of a server is checked every 33 msec.

The **BrainyRack™** has no inherent **Single Point Of Failure** and can easily accommodate **33 Rack Units** of equipment.

PROVEN PERFORMANCE



SSA has delivered over 1,000,000 minutes of service to its customers without an unscheduled outage.

The **BrainyRack™** gives you the capability of managing as many as **252 cables** in a space **19" wide and 66" high**.

**S E Q U E S T E R E D
S O L U T I O N S
A L A S K A**

BrainyRack™



BENEFITS



No Single Point of Failure

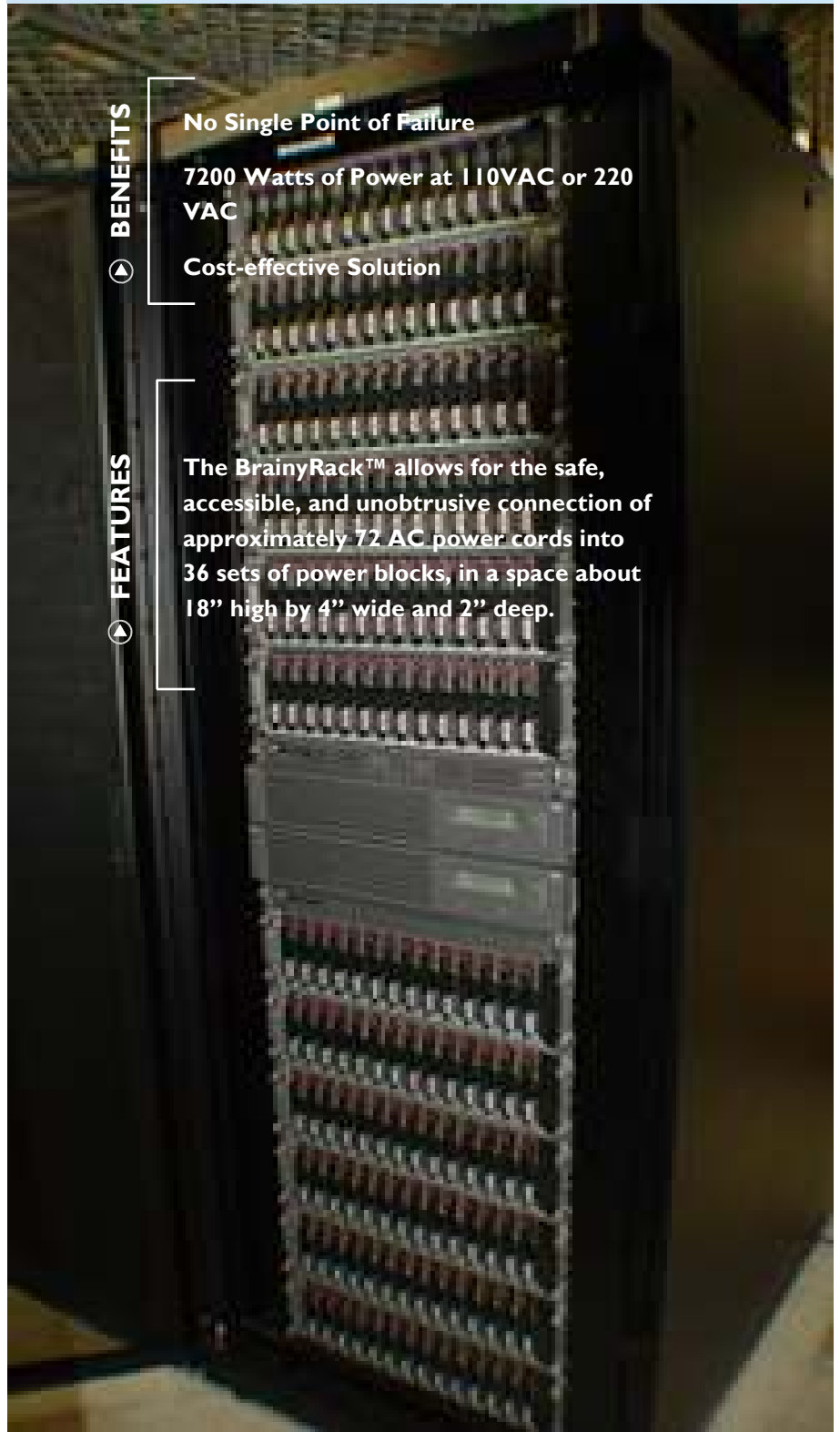
7200 Watts of Power at 110VAC or 220 VAC

Cost-effective Solution

FEATURES



The **BrainyRack™** allows for the safe, accessible, and unobtrusive connection of approximately **72 AC power cords** into **36 sets of power blocks**, in a space about **18" high by 4" wide and 2" deep**.



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RELIABILITY



REDUNDANCY



▶ Specifications

DIMENSIONS	Standard APC AR3150 Cabinet – Modified to SSA Specifications
CAPACITY	30 U Full Depth - 28.5 inches
NET WEIGHT CAPACITY	2000 POUNDS
FOOT PRINT	29.75W X 43.5D X 78.5 H
POWER INPUT	3 X 240 VAC 25 AAC 50/60 HZ
FULLY REDUNDANT	LIVE SERVICABILITY
DIN-POWER DISTRIBUTION SYSTEM	PERMANENTLY WIRED CONNECTIONS—NO PLUG STRIPS
DELIVERED POWER RATINGS	8,000 WATTS FOR A SINGLE CABINET 10,000 WATTS FOR A RACK PAIR (NORMAL INSTALLATION MODE) 12,000 WATTS CONTINUOUS SURGE (NON-SERVICE CONDITION) 18,000 WATTS MAXIMUM SURGE
STANDBY POWER CAPACITY	30 MINUTES MINIMUM AFTER 5 YEARS OF OPERATION
MONITORING	VOLTS/AMPS/WATTS UPS/BATTERY/FANS/AC LINE STATUS CABINET TEMPREATURE IN FRONT, BACK, UPS HEART BEAT MONITORING
NOTIFICATION	EMAIL/SMS NOTIFICATION FOR ALERT CONDITONS



**SEQUESTERED
SOLUTIONS
ALASKA**

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