

Powerware 9390 UPS System Overview

Next-Generation, Three-Phase UPS System

- **Modern Design and Appearance**
- **Advanced performance**
 - Transformerless
 - Active Front-End Converter
 - Double Conversion
- **Increased reliability**
 - Advanced Battery Management®
 - Remote Monitoring Services
- **Better serviceability**
 - Front access
 - Fast repair time
 - Comprehensive Warranty and Service plans
- **Consistent design for entire system**
 - UPS Modules
 - Battery Cabinets
 - Integrated Accessory Cabinet



Powerware 9390 UPS Electronics Cabinet

- **KVA Ratings:**
 - 40, 50, 60, 80, 100, 120, & 160kVA
 - 0.9 output power factor
 - Upgradeable kVA
- **Voltages:**
 - 208/208, 400/400, 480/480
 - 480/208, 600/208 VAC
- **Operating modes:**
 - RT
 - Parallel Redundant or Capacity
 - Frequency Converter
 - Power Conditioner
- **Multi-language display**
- **Top or Bottom cable entry standard**



40-80kVA

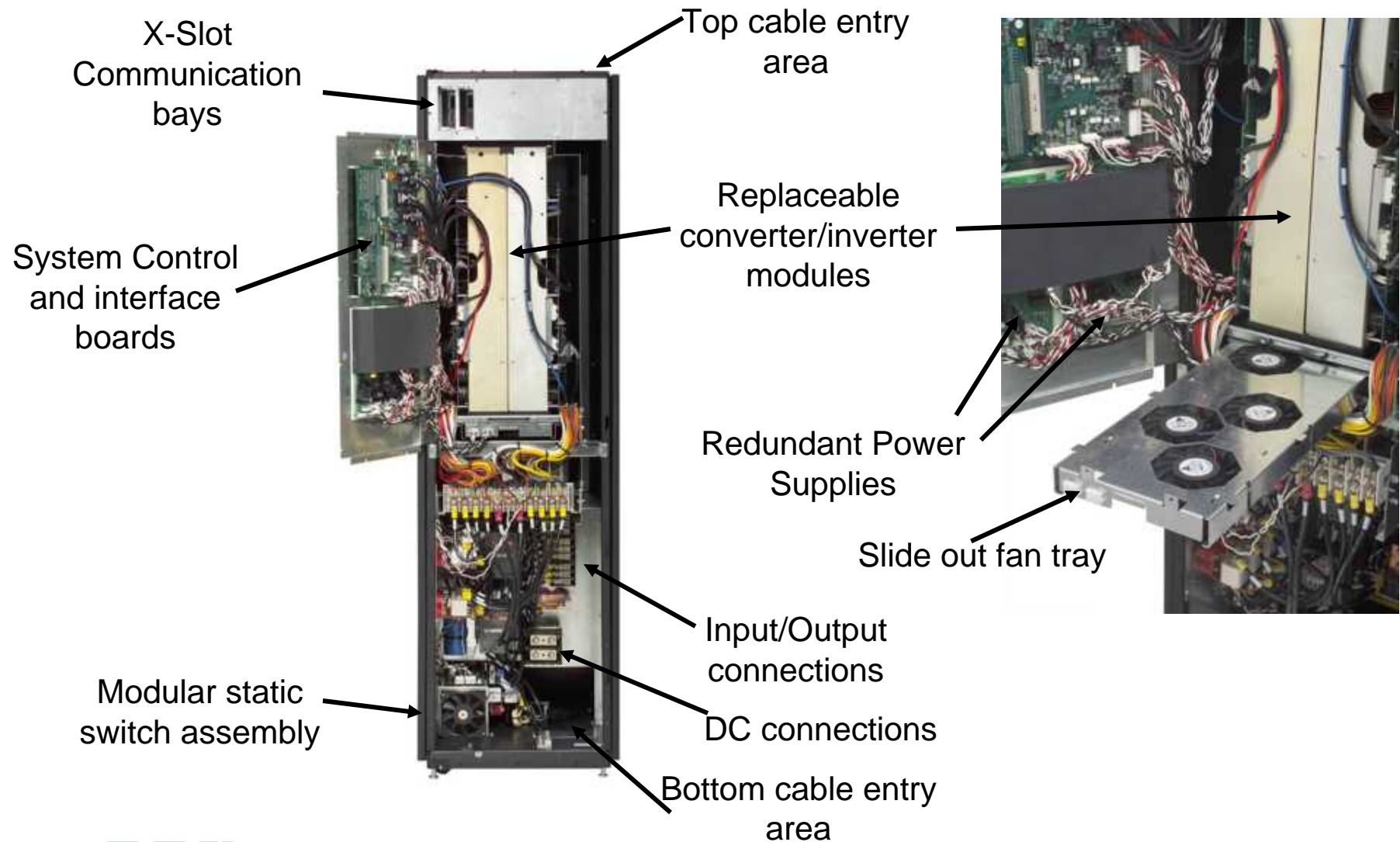
18.9" w



100-160kVA

35.6" w

Serviceable Design (40-80kVA)



Powerware 9390 UPS Battery Cabinet

- Variable battery bus configurations
 - 384VDC – 480VDC
 - (192 – 240 cells)
 - Virtually limitless runtime possibilities
- 0.8 and 0.9pf runtime charts
- kVA upgrade support
- IBC-S typical runtimes:
 - Up to 16 minutes @ 40kVA
 - Up to 10 minutes @ 50kVA
 - Up to 7 minutes @ 60kVA
- IBS-L typical runtimes:
 - 10 minutes to several hours



IBC-S
21.6" w



IBC-L
42.7" w

Powerware 9390 Specification Snapshot

- **Power Ratings**

kVA	40	80	120	160
kW	36	72	108	144
- **Efficiency** 94%
- **Input Power Factor** 0.99
- **Input THD** <4.5%
- **Voltage** 208/208, 400/400, 480/480 (standard)
480/208, 600/600, 600/208 (optional)
- **Battery Options**
 - **Types** VRLA, AGM, Gel, Wet
 - **Voltage** 384 - 480, variable
 - **Charging Method** Advanced Battery Management™

Powerware 9390 Specification Snapshot

- **Communications** Four (4) X-Slot Communication Bays standard
- **Dimensions**
 - 40 - 80 kVA modules 18.9"w x 31.6"d x 73.7"h
 - 100 - 160 kVA modules 35.6"w x 31.6"d x 73.7"h
- **Weights**
 - 40 - 80 kVA modules 600 lbs
 - 100 - 160 kVA modules 950 lbs

Powerware 9390 Packaged

