

Powerware® 9315-65

Features

- ▶ DC Expert™ battery management System
 - ▶ +/- 3% battery run time
 - ▶ Battery health indication
- ▶ Powerware Hot Sync® Redundant capability
- ▶ Large display panel provides metering, statistics, alarm history and an active mimic bus
- ▶ Prioritized cooling of components
- ▶ System Monitoring:
 - ▶ PowerVision® network software
 - ▶ RS-232 port
 - ▶ SNMP conversion
 - ▶ Accessory port
 - ▶ Building alarm contacts
- ▶ Intelligent input filter option



Powerware 9315-65

Environmental Specifications	Ambient temperature: 0°C to +40°C Storage: -20°C to +70°C Relative humidity: up to 95% non-condensing Altitude: 1500 meters (5000ft.) at 40°C ambient temperature without load derating Audible noise: Less than 65 dBA at 1 meter; in accordance with ISO 7779 Electrostatic discharge: Withstands 25kV with out damage or disturbance to the load; exceeds requirements of IEC 801-2 EMC: Meets FCC Class A and EN 50091-2 (CISPR 22, Class A)
-------------------------------------	--

Input Specifications	Voltage range: (See chart on other side) Frequency range: (60 Hz) 57-63 Hz; Surge protection: Meets ANSI C62.41, Category A & B, EN 50091-2, and EN 50082-2 Power factor: 0.95 typical at full load with input filter Input current distortion less than 7% with input filter
-----------------------------	---

Output Specifications	Voltage THD: Less than 5% (100% non-linear load with 3:1 crest factor); less than 3% (100% linear load) Voltage regulation: Better than ±1% Transient response: Less than 5% for 100% load step; full recovery within 2.5ms Frequency: (free run) ±0.005 Hz Frequency sync range: ±0.5 Hz Frequency slew rate: 1 Hz/second maximum Voltage adjustment range (operator): ±5%
------------------------------	---

Battery Specifications	Matching cabinets – remote option available Battery type: Sealed, valve regulated lead acid Recharge time: 10-12 times the discharge time to 95% Other battery options: Wet cell and nickel-cadmium batteries; open racks available For battery run times and configurations, refer to Bulletin BAT01FXA.
-------------------------------	---

Safety	UL1778 Listed CUL CAN/CSA C22.2 NO.107.1-M91 Listed EN 50091-1 All cabinets provide seismic mounting features Selectable DC ground fault detection capability
---------------	--

Specifications subject to change without notice.

Performance Characteristics

Powerware 9315-65 Performance Characteristics

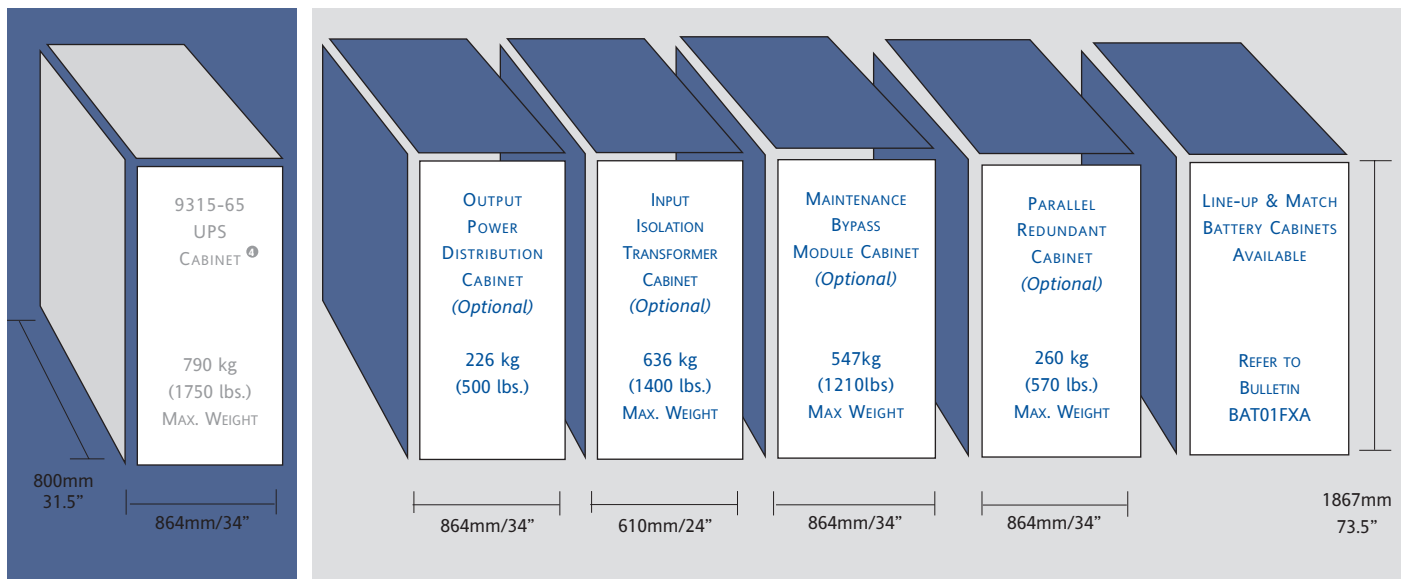
		Model 50	Model 65
		50kVA/40kW	65kVA/52kW
Input Voltage ❶	Volts	400	400
Output Voltage ❷	Volts	400	400
Input Voltage Range			
Minimum	Volts	340	340
Maximum	Volts	440	440
Input / Output Frequency	Hz	50/60	50/60
AC Input (With input filter)			
Nominal Amps	Amps	64	84
Maximum Amps ❸	Amps	80	105
AC Input (Without input filter)			
Nominal Amps	Amps	76	100
Maximum Amps ❹	Amps	95	124
Bypass Input			
Nominal Amps	Amps	74	97
AC Output			
Nominal Amps	Amps	74	97
10 Minutes Max.	Amps	93	121

		Model 50	Model 65
		50kVA/40kW	65kVA/52kW
DC Link			
Nominal DC Voltage	Volts	420	420
Float Voltage	Volts	473	473
❶ End of Discharge	Volts	351	351
❷ Maximum Amps	Amps	113	146
Physical Attributes (w/o batt.)			
Installed Weight	Lbs	1750	1750
Installed Width	Inches	34	34
System Efficiencies (Typical)			
@ 100% Load	%	92	92
@ 75% Load	%	91	92
@ 50% Load	%	90	91
Full Load Heat Dissipation			
BTU/Hr. (x1000)		11.88	15.44
KCal/Hr. (x1000)		2.99	3.89
Inverter Efficiency (Full Load)	%	94	94

- ❶ Easily adjustable for 380 or 415 VAC input/output, 50 or 60 Hz
- ❷ Maximum amps equals full load current plus battery recharge current. End of discharge based on 1.67 v/cell.
- ❸ Maximum amps based on 1.8 v/cell.



Physical Dimensions and Weights



Shipping pallet and packaging adds 50 to 300 lbs. per shipping unit. Casters are standard for ease of installation.

- ❹ All accessories feature plug and play capability.

Powerware
Headquarters
8609 Six Forks Road
Raleigh, NC 27615 U.S.A.
Toll Free: 1.877.797.9273
or 919.872.3020
Fax: 1.800.753.9433
www.powerware.com

Europe/Middle East/Africa
Berkshire, England: 44.1753.608700

Southeast Asia
Singapore: 65-8610377

China and North Asia
Hong Kong: 852.2745.6682

Japan
Shinagawa Tokyo: 813.3447.5251

Australia and South Pacific
Sydney, Australia: 612..9878.5000

Canada
Toronto, Ontario: 416.798.0112

Brazil
Sao Paulo, Brazil:
55.11.3933.8555/855.8500

Mexico
Col. Napoles C.P.,
Mexico 525.527.61.69/
525.488.33.33

