

Powerware 9155/9355

Uninterruptible Power System

Product Focus



8-15 kVA Models

20-40 kVA Models

Stand-alone UPS solutions
up to 40kVA Hot Sync® UPS
parallel systems with
redundancy/capacity

Powerware 9155 and 9355 are Series 9 UPS designed to protect high 0.9 p.f. rated, critical computers and servers. The centralised UPS protection is an essential part of IT infrastructure in today's IT, telecom, healthcare, banking and industrial automation applications. The Powerware 9155 and 9355 both feature active input power factor control (PFC) and low 2-5% Total Harmonic Distortion (current) with IGBT rectifier technology

The Powerware 9155 and 9355 operate using the unique ABM™ function. While traditional UPS charges batteries continuously, ABM™ charges batteries only when necessary, thus preventing battery corrosion. The exceptional ABM™ function prolongs the service life of batteries by up to 50%.

Snapshot

Power Rating:	8-40 kVA
Voltage:	220-240/380-415 Vac
Frequency:	50/60 Hz
Topology:	Series 9 (Double conversion on-line)



Features

- Hot Sync® redundancy
- ABM™ providing up to 50% longer battery life time
- Active input Power Factor Correction (PFC) providing 2-5% THD(i) harmonics
- High 0.9 p.f. output rating for server and computer loads
- Market leading internal battery runtime
- User friendly graphical LCD display with light blue back light
- Web/SNMP and ModBus monitoring capability
- Software Suite bundled

Options

- System Parallel Cabinets for Hot Sync® Capacity/Redundancy Solutions
- "UPS Centre" distribution cabinets for small computer room applications
- External Maintenance Bypass Switches
- Extended Battery Cabinets
- X Slot connectivity options
- PowerVision software

Typical Applications

- High-capacity computers
- Server rooms
- Networks
- Process automation, control equipment
- Telecommunication applications
- Offshore, military and special projects

Technical Specifications

POWERWARE 9155 & 9355

Rating	8 kVA	10 kVA	12 kVA	15 kVA	20kVA	30kVA	40kVA
Part number	9155-8-S 9155-8-N 9355-8-N	9155-10-S 9155-10-N 9355-10-N	- 9155-12-N 9355-12-N	- 9155-15-N 9355-15-N	- - 9355-20-N	- - 9355-30-N	- - 9355-40-N
Capacity (kVA/kilowatts)	8 / 7.2	10 / 9	12 / 10.8	15 / 13.5	20 / 18	30 / 27	40 / 36
Dimensions WxDxH (mm)	305x702x817	305x702x817	305x702x817	305x702x817	1684x494x762	1684x494x762	1684x494x762
With extra runtime	305x702x1214	305x702x1214	305x702x1214	305x702x1214	-	-	-
Weight (kg) UPS without Batteries UPS with internal 1xBAT UPS with internal 2xBAT UPS with internal 3xBAT UPS with internal 4xBAT	75 155 265 N/A N/A	75 155 265 N/A N/A	75 160 270 N/A N/A	75 160 270 N/A N/A	200 300 400 500 600	200 N/A 400 500 600	217 N/A N/A 517 617
Input connection	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired
Output connection	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired	Hardwired
* Typical runtime with 1xBAT Typical runtime with 2xBAT Typical runtime with 3xBAT Typical runtime with 4xBAT	15 min 33 min N/A N/A	10 min 25 min N/A N/A	8 min 20 min N/A N/A	5 min 15 min N/A N/A	5 min 13 min 22 min 31 min	N/A 7 min 13 min 20 min	N/A N/A 8 min 12 min
Operational							
Nominal input voltage (Vac)	S models: 220/230/240 Vac single phase; N models: 220/380, 230/400, 240/415 Vac three phase						
Input voltage range	175/305V - 276/478V at 100% load, 115/200V - 276/478V at 50% load						
Operating frequency	50/60 Hz (45 to 65 Hz)						
Input power factor	0.99						
Input current distortion	5% THD in normal network condition						
Nominal output voltage	220/230/240 VAC single phase (9155), 380/400/415 three phase (9355)						
Output voltage regulation	µ2% static; µ5% dynamic at 100% load change, < 1 ms response time						
Overload capacity	150% for 5 sec / 125% for 1 min (online), 1000% for 20 msec (bypass)						
Efficiency	92% with computer load; 93% with linear load						
User interface							
LCD-display	Graphical LCD with blue backlight, English, German and Spanish languages, extendable						
LED	4 LED for notice and alarm						
Standard communication ports	1 x RS232 for local support, 2 x X-slot (empty); 1 x relay contact, 1 x emergency power off input, 2 x environmental input						
Optional	External battery cabinets; isolation transformer; external mechanical bypass switch; X-slot; Web/SNMP, Modbus/Jbus, relay card, RS232 port, Hot Sync card						
Environmental							
Operating temperature	0Â°C to +40Â°C						
Storage temperature	-15Â°C to +40Â°C						
Altitude	< 1000 m at +40Â°C, < 3000 m at +25Â°C						
Audible noise at 1 metre	< 50 dB(A) at 1 metre						
Certification							
Quality	ISO 9001; 2000 and ISO 14001:1996						
Markings	CE and GOST markings / C-Tick						
Safety	IEC 62040-1-1, IEC 60950, EN 62040-1-1						
EMC	EN 50091-2 Class A, C-Tick						

This guide provides typical application information.

* Battery run times are approximate and may vary with equipment, configuration, battery age, temperature, etc. Runtimes at 0.7 pf



1300 662 435
poweronaustralia.com.au

Power On Australia Pty Ltd - ABN 48 110 752 442

Unit 20, 256-258 Musgrave Road, Coopers Plains Qld 4108 (Head Office)

Po Box 5322, Daisy Hill QLD 4127