Eaton 9155

Technology: **Series 9 (double conversion online)**
Rating: **8-30kVA**
Voltage: **220-240/380-415 Vac, 50/60 Hz**
Backup time: **Typical 5-33 min internal (extendable up to several hours)**
Configuration: **Cabinet**

Eaton 9155 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 9155 feature active input power factor control (PFC) and low 2-5% Total Harmonic Distortion (current) with IGBT rectifier technology

The Eaton 9155 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%.

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

Product highlights:
- 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 high 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
- In-built Maintenance Bypass Switch on 20-30kVA models

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
- Preventative maintenance contracts

Powering Business Worldwide

Eaton 9155 specifications table						
Rating	**8 kVA**	**10 kVA**	**12 kVA**	**15 kVA**	**20kVA**	**30kVA**
Part number	9155-8-S	9155-10-S	-	-	-	-
	9155-8-N	9155-10-N	9155-12-N	9155-15-N	9155-20-N	9155-30-N
Capacity (kVA/kilowatts)	8 / 7.2	10 / 9	12 / 10.8	15 / 13.5	20 / 18	30 / 27
Dimensions WxDxH (mm)	305x702x817	305x702x817	305x702x817	305x702x817	494x762x1684	494x762x1684
With extra runtime	305x702x1214	305x702x1214	305x702x1214	305x702x1214	-	-
Weight (kg)						
UPS without batteries	70	70	70	70	200	200
UPS with internal 1xBAT	165	165	165	165	300	N/A
UPS with internal 2xBAT	270	270	270	270	400	400
UPS with internal 3xBAT	N/A	N/A	N/A	N/A	500	500
UPS with internal 4xBAT	N/A	N/A	N/A	N/A	600	600
Typical runtime UPS+1xBAT	15 min	10 min	8 min	5 min	5 min	N/A
UPS+2xBAT	33 min	25 min	20 min	15 min	13 min	7 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 (5% THD)					
Input current distortion	5% THD in normal network condition					
Nominal output voltage	220/230/240 VAC single phase					
Output voltage regulation	±2% static; ±5% 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	0°C to +40°C					
Storage temperature	-15°C to +40°C					
Altitude	< 1000 m at +40°C, < 3000 m at +25°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					