

# Eaton 9120 UPS

5 - 6 kVA



#### Advanced power protection for:

- Small networks
- Critical servers
- Other critical IT applications
- Process automation and control equipment
- Telecom applications
- Security equipment



#### Double conversion UPS

##### Highest power performance

- Double conversion topology provides the highest level of protection available by isolating the output power from all input anomalies.
- The exceptional electrical performance of the 9120 ensures that the UPS can be used in almost any application.

##### Unmatched reliability

- Due to a wide input voltage window the 9120 is capable of working with mains power in most conditions without discharging batteries, thus saving battery capacity for when it is really needed.
- Advanced Battery Management (ABM) technology uses an innovative three-stage charging technique, that only recharges the battery when necessary, so the battery experiences less corrosion and service life is prolonged by up to 50%.
- Internal batteries can be hot-swapped without ever having to shut down connected equipment.
- The 9120 can be equipped with External Battery Cabinets to extend the runtimes to hours.
- The ups can be installed with an External Bypass option which enables "swap" or service without powering down the critical load.
- The UPSs can be installed using a separate input cable for the internal bypass. This feature not only provides redundancy for the input, but also enables a system with UPSs to increase power availability. The critical load is powered by the first UPS and in the case of a failure the load is transferred to the bypass source which is supplied by another UPS. This configuration enables redundant operation with standard UPS units.

##### Outstanding versatility

- The UPS features an informative user interface with LCD, four LED and audible alarms. This enables easy configuration of your UPS by changing UPS settings using the LCD panel.
- The 9120 comes complete with the Eaton Software Suite CD including SNMP-compatible power management software providing control and visibility over all your UPS systems.
- LanSafe@ included on the software package monitors all network devices and provides an orderly shutdown in the event of extended power outage.
- The 9120 offers Serial and USB communication plus an extra slot for optional communication card (including SNMP/Web card, relay contact card) allowing remote monitoring in a variety of networking environments.
- The 9120 is also equipped with an EPO port enabling shutdown of the connected equipment from a remote location in an emergency.



Powering Business Worldwide

1. Multilingual graphical LCD display
2. Panel for replacing batteries
3. 1 USB port + 1 serial port + EPO connector
4. EBM battery unit connector
5. Communication card slot



## TECHNICAL SPECIFICATIONS

Rating	5000 VA	6000 VA
Part number	1026103	1026104
Capacity (VA/watts)	5000/3500	6000/4200
Dimensions WxDxH (mm)	280x580x570	280x580x570
Weight (kg)	91	91
Input connection	Hardwired	Hardwired
Output connection	Hardwired	Hardwired
Typical runtime (full load) (half load)	10 min 22 min	8 min 20 min

### Operational

Nominal input voltage (Vac)	220/230/240 Vac
Input voltage range	120/140/184-276 Vac
Operating frequency	50/60 Hz auto sensing ( $\pm 3$ Hz, adjustable)
Input power factor	>0.99
Nominal output voltage	208/220/230/240 Vac
Output voltage regulation	$\pm 2\%$ online; $\pm 3\%$ on battery mode
Overload capacity	Up to 125 % for minute, 125-150% for 10 sec
Efficiency	>90% (Online mode) >95% (High efficiency mode)

### User interface

LCD display	LCD display showing both UPS meters and UPS settings
LED	Four LEDs; UPS on, UPS on battery, UPS on bypass, alarm
Standard communication ports	RS232 and USB as standard on all models
Optional	Connectivity slot for SNMP/Web card and relay card

### Environmental

Operating temperature	0°C - +40°C
Storage temperature	-15°C - +40°C
Altitude	<3000 m
Audible noise at 1 metre	<55 dB

### Certification

Markings	CE/GS
Safety	IEC 62040-1-1
EMC	IEC 62040-2

## External battery cabinets

9120	Backup time*	Dimensions	Weight
BAT 5000/6000	Approx 45/30 min	280x580x570 mm	125 kg

\* Backup time internal + one battery cabinet

