

# Eaton 93E20KMBSB

Catalog Number: 93E20KMBSB

Eaton 93E UPS, Tower Online UPS, 20 kVA, 3 phase in/3 phase out, Power factor 0,9, Internal Maintenance Bypass Switch, 93E 20kVA



Photo is representative

## General specifications

<b>Product Name</b>	<b>Catalog Number</b>
Eaton 93E UPS	93E20KMBSB
<b>EAN</b>	<b>Product Length/Depth</b>
3553340693076	710 mm
<b>Product Height</b>	<b>Product Width</b>
960 mm	500 mm
<b>Product Weight</b>	<b>Compliances</b>
145 kg	CE Marked
	RoHS Compliant
	CB

## Certifications

IEC/EN 62040-2

IEC/EN 62040-1

EN 62040-3

Manufactured in a plant certified to ISO

9001 and ISO 14001 management

system standards

## Product specifications

### Audible alarms

Yes

### Auto shutdown function

Yes

### Internal battery included

No, kits available

### User replacable batteries

No

### Battery charger type

ABM technology

### External battery connection

Hardwired

### Color

Black

### Construction type

Free standing model

### Efficiency (eco-mode)

98 %

### Improved efficiency mode

High Efficiency

### Number of communication slots

2

### Feed type

AC

### Form factor

Tower

### Hot-swappable power modules

No

### Input connection

Fixed connection

### Input nominal voltage

400V default (380/400/415V)

### Number of output connections fixed connection

1

### Output frequency

## Resources

### Brochures

[Eaton UPS Services Quick Guide - EN](#)

[Eaton-93e-ups-15-200kva-Brochure-EN](#)

[Eaton UPS and battery services - EN](#)

[Eaton 93E UPS 15-80 kVA datasheet](#)

### Compliance information

[Eaton 93E UPS 15-80 kVA CE DoC](#)

### Manuals and user guides

[Eaton 93E UPS 15-80 kVA Installation and operation manual](#)

50 Hz (50/60 Hz programmable)

Output power factor

.9

Overall efficiency

94 %

Package contents

UPS

User manual

Safety instructions

Parallelable

Parallel for capacity and redundancy

Number of parallel units

4

Phase (input)

3

Phase (output)

3

Potential free switch contact

No

Snmp

No

Start-on-battery

No

Topology

Online

Type Of Interface

Other

Internal maintenance bypass

Yes

User Interface (Hmi)

Graphical LCD

kVA rating

20 kVA

Wattage

18 kW

Application

Data center/ facility/IT

Output effective power

18000 W

Transition time for full load

0 s

Efficiency (improved efficiency mode)

98 %

Voltage distortion output (linear load) - max

2 %

Integrated functionality

Network Mangement

Communication interface

USB

RS232

Input frequency - min

50 Hz

Input frequency - max

60 Hz

Input voltage - min

380 V

Input voltage - max

415 V

Output voltage - min

380 V

Output voltage - max

415 V

Secondary Frequency Min

50 Hz

Secondary Frequency Max

60 Hz

Output apparent power

20000 VA

Primary frequency - max

60 Hz

Primary frequency - min

50 Hz

Runtime at half load

0 min

Runtime at full load

0 min

Mounting Method

Tower

Power consumption

296



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