

# Eaton 9E20KI

Catalog Number: 9E20KI

Eaton 9E UPS, 20 kVA, 16 kW, Input: Hardwired, Output: Hardwired, Tower

## General specifications

Product Name	Catalog Number
Eaton 9E UPS	9E20KI
UPC	Product Length/Depth
743172067715	70.6 cm
Product Height	Product Width
81.55 cm	35 cm
Product Weight	Warranty
159.83 kg	1 year
Compliances	Certifications
CE Marked	IEC/EN 62040-1
TUV	IEC/EN 62040-2
	CE
	EAC



## Battery

### Battery type

Sealed, lead-acid

### Runtime graph

View runtime graph

### Battery replacement

Replacable batteries

### Battery quantity

40

### Battery management

Automatic battery test

Deep discharge protection

### Battery rating

12 V / 9 Ah

### Extended battery capability

Yes

## Electrical output

### Voltage

230/400V

### Wattage

16 kW

### Output power factor

0.8

### Output voltage range

220/230/240 V +/- 2%

### Output waveform

Sine wave

### Output nominal voltage

230V default (220/230/240V)

### Voltage distortion output (linear load) - max

3

### Feed type

1

### Topology

Online/Double-conversion

### VA rating

20 kVA

## Electrical input

### Input connection

Hardwired/fixed connection

### Input nominal voltage

230V default (220/230/240V)

### Nominal frequency

50/60 Hz

### Input power factor

>.99

### Input voltage range

176-276 V (110-276 V with derating)

### Input frequency range

45-66Hz

## Communications

### Includes network card

No

### Communication

USB port (HID compliant)

Serial port (RS232)

Mini-terminal block for remote power off

Communication slot

### Ethernet interface

No

### User interface

LCD Display

### Potential free switch contact

Yes

#### Expansion slots

One slot for optional communication card

#### Software compatibility

Eaton Intelligent Power Manager, Eaton Intelligent Power Protector

#### Type of interface

Other

## Environmental

#### Altitude

3000 m

#### Noise level

<55 dB at 1 meter

#### Temperature range

0° to 40°C (32° to 104°F)

#### Relative humidity

0-95% non-condensing

## Additional specifications

#### Construction type

Free standing model

#### Package contents

UPS

USB cable

Serial cable

User manual

#### Phase (output)

1

#### Internal bypass

Yes

#### Auto shutdown function

Yes

#### Color

Black

#### Efficiency

93

#### Rack mounting kit

No

#### Hot swap power

No

## Resources

#### Compliance information

[EU declaration of conformity Eaton 9E UPS](#)

#### User guides

[Eaton 9E UPS - User Manual](#)

[Eaton 9E UPS - Installation and user manual](#)

#### Technical data sheets

[Eaton 9E UPS - Datasheet](#)



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