Specifications



Photo is representative





Eaton 9E20KI

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

General specifications	
PRODUCT NAME	Eaton 9E UPS
CATALOG NUMBER	9E20KI
UPC	743172067715
PRODUCT LENGTH/DEPTH	70.6 cm
PRODUCT HEIGHT	81.55 cm
PRODUCT WIDTH	35 cm
PRODUCT WEIGHT	159.83 kg
COMPLIANCES	CE Marked TUV
CERTIFICATIONS	IEC/EN 62040-1 IEC/EN 62040-2 CE EAC

Additional information

AUTO SHUTDOWN FUNCTION	Yes
COLOR	Black
CONSTRUCTION TYPE	Free standing model
EFFICIENCY AT MAX. LOAD	93
HOT SWAP POWER	No
INTERNAL BYPASS	Yes
PACKAGE CONTENTS	• UPS • USB cable • Serial cable • User manual
PHASE (INPUT)	3
PHASE (OUTPUT)	1
RACK MOUNTING KIT	No

Battery specifications

BATTERY MANAGEMENT	• Automatic battery test • Deep discharge protection
BATTERY QUANTITY	40
BATTERY RATING	12 V / 9 Ah
BATTERY REPLACEMENT	Replacable batteries
BATTERY TYPE	Valve Regulated Lead Acid (VRLA)
EXTENDED BATTERY CAPABILITY	Yes
RUNTIME GRAPH	$row.attributeValue.cdata

Communication

COMMUNICATION	• USB port (HID compliant) • Serial port (RS232) • Mini-terminal block for remote power off • Communication slot
ETHERNET INTERFACE	No
EXPANSION SLOTS	One slot for optional communication card
INCLUDES NETWORK CARD	No
POTENTIAL FREE SWITCH CONTACT	Yes
SOFTWARE COMPATIBILITY	Eaton Intelligent Power Manager, Eaton Intelligent Power Protector
TYPE OF INTERFACE	Other
USER INTERFACE	LCD Display

Electrical input

INPUT CONNECTION	Hardwired/fixed connection
INPUT FREQUENCY RANGE	45-66Hz
INPUT NOMINAL VOLTAGE	400V/230V
INPUT POWER FACTOR	>.99
INPUT VOLTAGE RANGE	176-276 V (110-276 V with derating) for 1ph input
NOMINAL FREQUENCY	50/60 Hz

Electrical output

FEED TYPE	1
OUTPUT NOMINAL VOLTAGE	230V default (220/230/240V)
OUTPUT POWER FACTOR	0.8
OUTPUT VOLTAGE RANGE	220/230/240 V +/- 2%
OUTPUT WAVEFORM	Sine wave
TOPOLOGY	Online/Double-conversion
VA RATING	20 kVA
VOLTAGE	230V
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	3
WATTAGE	16 kW

Environmental

ALTITUDE	3000 m
NOISE LEVEL	<55 dB at 1 meter
RELATIVE HUMIDITY	0-95% non-condensing
TEMPERATURE RANGE	0° to 40°C (32° to 104°F)

Resources

DECLARATIONS OF CONFORMITY	EU Declaration of Conformity
TECHNICAL DATA SHEETS	Eaton 9E UPS - Datasheet

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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