

Specifications



Photo is representative

Eaton 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

General specifications

PRODUCT NAME	Eaton 93E UPS
CATALOG NUMBER	93E20KMBSB
EAN	3553340693076
PRODUCT LENGTH/DEPTH	710 mm
PRODUCT HEIGHT	960 mm
PRODUCT WIDTH	500 mm
PRODUCT WEIGHT	145 kg
COMPLIANCES	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 REPLACEABLE 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	50 Hz (50/60 Hz programmable)
OUTPUT POWER FACTOR	0.9
OVERALL EFFICIENCY	94 %
PACKAGE CONTENTS	<ul style="list-style-type: none"> • 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

Resources

BROCHURES	Eaton-93e-ups-15-200kva-Brochure-EN Eaton 93E UPS 15-80 kVA datasheet Eaton UPS and battery services - EN Eaton UPS Services Quick Guide - EN
COMPLIANCE INFORMATION	Eaton 93E UPS 15-80 kVA CE DoC
MANUALS AND USER GUIDES	Eaton 93E UPS 15-80 kVA Installation and operation manual

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 Management
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

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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