Specifications



Photo is representative





Eaton 93E100K

Eaton 93E UPS, Tower Online UPS, 100 kVA, 3 phase in/3 phase out, Power factor 0,9, 93E-100kVA

General specifications	
PRODUCT NAME	Eaton 93E UPS
CATALOG NUMBER	93E100K
PRODUCT LENGTH/DEPTH	600 mm
PRODUCT HEIGHT	800 mm
PRODUCT WIDTH	1880 mm
PRODUCT WEIGHT	283 kg
CERTIFICATIONS	CB

Powering Business Worldwide

Product specifications

AUDIBLE ALARMS	Yes
AUTO SHUTDOWN FUNCTION	Yes
INTERNAL BATTERY INCLUDED	No
BATTERY CHARGER TYPE	ABM technology
EXTERNAL BATTERY CONNECTION	Hardwired
BTU RATING	5745
COLOR	Black
COMMUNICATION	Relay-MS, Network-MS, Modbus Card-MS
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 CURRENT DISTORTION	5 %
INPUT NOMINAL VOLTAGE	400V default (380/400/415V)
NOISE LEVEL (STANDARD MODE)	<68 dBA at 1 meter
NUMBER OF OUTPUT CONNECTIONS FIXED CONNECTION	1
OPERATING TEMPERATURE	0°C - 40°C,Batteries recommended max. +25°C
OUTPUT FREQUENCY	50 Hz (50/60 Hz programmable)
OUTPUT POWER FACTOR	0.9
OUTPUT VOLTAGE REGULATION	±1%
OVERALL EFFICIENCY	94 %
OVERLOAD	102–125% load 10 minutes, 126–150% load 1 minute, >151% load 500ms at 40oC
PACKAGE CONTENTS	• UPS

Resources

BROCHURES	Eaton-93e-ups-15-200kva-Brochure-EN Eaton 93E UPS 100-400 kVA datasheet Eaton UPS and battery services - EN
MANUALS AND USER GUIDES	Eaton 93E UPS 80-200 kVA Installation and operation manual

- 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
RACK MOUNTING KIT INCLUDED	No
SNMP	No
SOFTWARE COMPATIBILITY	IPP, IPM
STANDARD FACTORY WARRANTY	1 year
START-ON-BATTERY	No
STORAGE TEMPERATURE	-15°C-55°C without batteries
SWITCH CONFIGURATION	Input, output, bypass, MBS, battery
TOPOLOGY	Online
TYPE OF INTERFACE	Other
INTERNAL MAINTENANCE BYPASS	No
USER INTERFACE (HMI)	5''LCD
KVA RATING	100 kVA
VOLTAGE	400Y/230V
WATTAGE	90000 W
NUMBER OF OUTPUT CONNECTIONS WITH PROTECTIVE CONTACT (SCHUKO)	0
APPLICATION	Data center/ facility/IT
OUTPUT EFFECTIVE POWER	90 kW
TRANSITION TIME FOR FULL LOAD	0 s
EFFICIENCY (IMPROVED EFFICIENCY MODE)	0.98 %
VOLTAGE DISTORTION OUTPUT (LINEAR LOAD) - MAX	2 %
INTEGRATED FUNCTIONALITY	Network Mangement
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	100000 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
DEGREE OF PROTECTION	IP20

PROJECT NAME:	
PROJECT NUMBER:	
PREPARED BY:	
DATE:	

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