



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

TRIPPLITE - S3M20K3B : S3M20K3B

Specifications

ENERGY STAR Unique ID:	2364001
Brand Name:	TRIPPLITE
Model Name:	S3M20K3B
Model Number:	S3M20K3B
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	S3M20K3B
Active Output Power Rating Minimum Configuration (W):	20000
Apparent Output Power Rating Minimum Configuration (VA):	20000
Topology (ac):	Multi-Mode Line Interactive
Topology and Product Type Combined:	ac - Other
Application:	Consumer,Commercial
Rated Input Voltage (V rms):	208-220
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	208-220
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	868
Width (mm):	250
Depth (mm):	900
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Independent,Voltage and Frequency Dependent
Modular UPS:	No
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Independent
Test Input Voltage (V rms):	120
Test Input Frequency (Hz):	60
Test Output Voltage (V):	120
Test Output Frequency (Hz):	60
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	143.0
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	136.0

Efficiency at 25% Load Min Config Lowest Dependency (ac):	93.8
Efficiency at 25% Load Min Config Highest Dependency (ac):	96.9
Efficiency at 50% Load Min Config Lowest Dependency (ac):	93.7
Efficiency at 50% Load Min Config Highest Dependency (ac):	97.8
Efficiency at 75% Load Min Config Lowest Dependency (ac):	92.8
Efficiency at 75% Load Min Config Highest Dependency (ac):	98.0
Efficiency at 100% Load Min Config Lowest Dependency (ac):	91.6
Efficiency at 100% Load Min Config Highest Dependency (ac):	97.9
Weighted Efficiency Calc Min Config Lowest Dependency:	93.5
Weighted Efficiency Calc Min Config Highest Dependency:	97.6
Minimum Configuration Input Power Factor Highest-Input Dependency:	1.0
Efficiency (%):	94.5
Modular UPS Module Tested Model Number:	NA
Energy Storage Mechanism:	Battery
Energy Storage System Technology:	Vented Lead-acid Battery
Energy Storage System Configuration:	Integral
Energy Storage System Removable to Another Room:	N/A
Energy Storage System Runtime at 100% Load (min.):	25
Energy Storage System Runtime at 50% Load (min.):	25
Energy Storage System Warranty (yrs):	5
Energy Storage System Information URL:	N/A
Network Connections Available:	None
Communication Protocols:	None
Manufacturer Take Back Program:	No
Model Web Page URL:	www.tripplite.com
Test Method Guidelines:	N/A
Date Available on Market:	2020-07-17
Date Certified:	2020-08-04
Markets:	United States, Canada
ENERGY STAR Certified:	Yes

Additional Model Information

,S3M20K-NIB,

Captured On:
06/18/2025