



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

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

# Additional Model Information

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**Captured On:**  
06/18/2025