



ENERGY STAR CERTIFIED

Uninterruptible Power Supplies

Delta - DPH-500K-HV : DPH-500K-HV

Specifications

ENERGY STAR Unique ID:	2387659
Brand Name:	Delta
Model Name:	DPH-500K-HV
Model Number:	DPH-500K-HV
Power Conversion Mechanism:	Static
Minimum Configuration Tested Model Number:	DPH-200K-HV
Active Output Power Rating Minimum Configuration (W):	200000
Apparent Output Power Rating Minimum Configuration (VA):	200000
Maximum Configuration Tested Model Number:	DPH-500K-HV
Active Output Power Rating Maximum Configuration (W):	500000
Topology (ac):	Multi-Mode Double Conversion
Topology and Product Type Combined:	ac - Other
Application:	Data Center
Rated Input Voltage (V rms):	480-480
Rated Input Frequency (Hz):	50-60
Rated Output Voltage (V):	480-480
Rated Output Frequency (Hz):	50-60
Rack Mountable:	No
Height (mm):	2000
Width (mm):	1400
Depth (mm):	850
Total Number of Outlets:	0
Number of Battery Backup and Surge Protected Outlets:	0
Number of Surge Protected Only Outlets:	0
Normal Mode(s) Input Dependency Characteristic (ac):	Voltage and Frequency Independent,Voltage and Frequency Dependent
Modular UPS:	Yes
Number of Normal Modes:	Multiple-normal-mode
Default Normal Mode (ac):	Voltage and Frequency Independent
Test Input Voltage (V rms):	480

Test Input Frequency (Hz):	60
Test Output Voltage (V):	480
Test Output Frequency (Hz):	60
Total Input Power in W at 0% Load Min Config Lowest Dependency (ac):	2318.18
Total Input Power in W at 0% Load Min Config Highest Dependency (ac):	2600.23
Efficiency at 25% Load Min Config Lowest Dependency (ac):	99.0
Efficiency at 25% Load Min Config Highest Dependency (ac):	99.6
Efficiency at 50% Load Min Config Lowest Dependency (ac):	99.0
Efficiency at 50% Load Min Config Highest Dependency (ac):	99.7
Efficiency at 75% Load Min Config Lowest Dependency (ac):	98.9
Efficiency at 75% Load Min Config Highest Dependency (ac):	99.7
Efficiency at 100% Load Min Config Lowest Dependency (ac):	98.9
Efficiency at 100% Load Min Config Highest Dependency (ac):	99.7
Weighted Efficiency Calc Min Config Lowest Dependency:	99.0
Weighted Efficiency Calc Min Config Highest Dependency:	99.7
Minimum Configuration Input Power Factor Highest-Input Dependency:	0.99
Total Input Power in W at 0% Load Max Config Lowest Dependency (ac):	8043.96
Total Input Power in W at 0% Load Max Config Highest Dependency (ac):	6761.22
Efficiency at 25% Load Max Config Lowest Dependency (ac):	96.0
Efficiency at 25% Load Max Config Highest Dependency (ac):	98.3
Efficiency at 50% Load Max Config Lowest Dependency (ac):	96.7
Efficiency at 50% Load Max Config Highest Dependency (ac):	98.7
Efficiency at 75% Load Max Config Lowest Dependency (ac):	96.5
Efficiency at 75% Load Max Config Highest Dependency (ac):	98.9
Efficiency at 100% Load Max Config Lowest Dependency (ac):	96.2
Efficiency at 100% Load Max Config Highest Dependency (ac):	99.0

Weighted Efficiency Calc Max Config Lowest Dependency:	96.5
Weighted Efficiency Calc Max Config Highest Dependency:	98.9
Maximum Configuration Input Power Factor Lowest-Input Dependency:	0.99
Maximum Configuration Input Power Factor Highest-Input Dependency:	0.99
Efficiency (%):	99.1
Modular UPS Module Tested Model Number:	3915102286-S
Energy Storage Mechanism:	Battery
Energy Storage System Technology:	Valve Regulated Lead-acid Battery
Energy Storage System Configuration:	Separate Enclosure
Energy Storage System Removable to Another Room:	Yes
Energy Storage System Runtime at 100% Load (min.):	5
Energy Storage System Runtime at 50% Load (min.):	11
Energy Storage System Warranty (yrs):	3
Energy Storage System Information URL:	N/A
Network Connections Available:	USB Port
Communication Protocols:	Modbus RTU
Manufacturer Take Back Program:	No
Model Web Page URL:	https://www.deltapowersolutions.com/en-us/
Test Method Guidelines:	N/A
Date Available on Market:	2021-09-01
Date Certified:	2021-10-27
Markets:	United States
ENERGY STAR Certified:	Yes

Captured On:
06/17/2025