



Updated August 2023

Product type

Storage Shelf sold as part of a storage system

Manufacturer's name, registered trade name, and registered address

NetApp
NetApp, Inc.
3060 Olsen Drive
San Jose, CA 95128
United States
+1 408-822-6000

Product model number

NAJ-1501

Marketing model Number

DE224C, DS224C, 224C

First year of manufacture

2018

PSU efficiency

Load percentage	DCJ9133-01 PSU efficiency	TDPS-900AB A PSU efficiency
10%	89.50%	81.74%
20%	92.93%	91.75%
50%	94.37%	94.18%
100%	92.71%	92.90%
Average efficiency	93.84%	92.94%
Power Factor at 50% load	0.980	0.980

Declared ASHRAE operating condition class DS224C

ASHRAE rating	A4
Allowable operating temperature range	5 to 45 degrees C
Recommended operating range	18 to 27 degrees C
Allowable operating relative humidity	-12°C DP and 8% to 24°C DP and 90%
Recommended operating relative humidity	-9°C DP to 15°C DP and 60%
Maximum Dew Po9int	24
Maximum rate of change (°C/hr)	5/20

Declared ASHRAE operating condition class DE224C, 224C

ASHRAE rating	A3
Operating temperature range	5 to 40 degrees C
Recommended operating range	18 to 27 degrees C
Allowable operating relative humidity	-12°C DP and 8% to 24°C DP and 85%
Recommended operating relative humidity	-9°C DP to 15°C DP and 60%
Maximum Dew Po9int	24
Maximum rate of change (°C/hr)	5/20



Material ease of disassembly for repair or reuse

E-Series: <https://docs.netapp.com/ess-11/index.jsp> in the System maintenance tab

Neodymium in HDDs

All 10K RPM and 15K RPM drives have less than 5 g

All 7200 RPM drives have between 5g and 25g

Cobalt in Li-Ion Batteries

All Li-Ion Cells have less than 5g

All Li-Ion Battery Packs have between 5g and 25g

Secure data deletion information: E-series

Storage Shelf must be installed as part of a storage system.

E-series secure data deletion capability is provided by a Python script which will issue commands appropriate for the drives in the array configuration to eliminate all user data.

Minimum SANtricity OS (controller software) level required is **11.70.1**.

The script can be downloaded at this location:

<https://mysupport.netapp.com/site/products/all/details/eseries-santricity/downloads-tab/download/62736/SecDel2020/downloads>

To run the script, a host (Linux or Windows) is required, with the following connectivity and components:

- Network connectivity to the array
- Python 3.6 with the 'requests' library

Firmware and Security Updates

Go to:

<https://mysupport.netapp.com/site/products/all>

Register, then search for Firmware or Security for the product.