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Product type

Storage controller in a Storage Shelf

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

NetApp

NetApp, Inc.

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Product model number	Marketing model Number
NAJ-1502	E2812, 2812, SG5712, E4012, 4012, SG5812

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 E2812, 2812, SG5712

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: E4012, 4012, SG5812

ASHRAE rating	A2
Operating temperature range	10 to 35 degrees C
Recommended operating range	18 to 27 degrees C
Allowable operating relative humidity	-12°C DP and 8% to 21°C DP and 80%
Recommended operating relative humidity	-9°C DP to 15°C DP and 60%
Maximum Dew Po9int	21
Maximum rate of change (°C/hr)	5/20

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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

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.