



Product type

Storage controller in a Storage Shelf

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

NetApp
NetApp, Inc.
1395 Crossman Ave.
Sunnyvale, CA 94089
United States
+1 408-822-6000

Product model number

NAJ-1502

Marketing model Number

E2812, 2812, SG5712

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

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 Point	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

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 11.50.3R1P1.

The script can be downloaded at this location:

https://mysupport.netapp.com/products/eseries_santricity/SecDel2020/index.html

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

- Network connectivity to the array
- I/O connectivity to the array
- Python 3.6 with the 'requests' library
- sg3_utils (About sg3_utils: This is available with Linux distributions and is available for Windows on the internet in multiple locations.)
- SMdevices (Host utility available with the array.)