



Updated January 2026

Product type

Storage controller in a Storage Shelf

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-1801

Marketing model Number

AFF A20, AFF A30, AFF A50, AFF C30, AFF C60, ASA A20,
ASA A30, ASA A50, FAS50

First year of manufacture

2024

PSU efficiency

Load percentage	TDPS-1600GB A PSU efficiency	DCJ16002-06
10%	90.43%	91.69%
20%	94.68%	94.77%
50%	96.09%	96.22%
100%	95.23%	94.46%
Average efficiency	95.33%	95.15%
Power Factor at 50% load	0.990	0.990

PSU efficiency beginning January 1, 2026

Load percentage	PS-2202-10E PSU efficiency	DCJ20002-03
10%	93.48%	91.54%
20%	95.52%	94.68%
50%	96.12%	96.17%
100%	94.11%	94.20%
Average efficiency	95.25%	95.02%
Power Factor at 50% load	0.9944	0.9972

Load percentage	TDPS-1600NB A PSU efficiency	
10%	90.41%	
20%	94.69%	
50%	96.32%	
100%	95.48%	
Average efficiency	91.14%	
Power Factor at 50% load	0.9908	

Declared ASHRAE operating condition class

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 Point	21
Maximum rate of change (°C/hr)	5/20

Material ease of disassembly for repair or reuse

FAS and AFF: <https://docs.netapp.com/platstor/index.jsp>

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: FAS and AFF

[Security Hardening Guide for NetApp ONTAP 9](#) (page 18)

Starting with ONTAP 9.4, you can use the secure-purge feature with advanced privilege to nondisruptively “scrub” data on NVE-enabled volumes. Scrubbing data on an encrypted volume ensures that it cannot be recovered from the physical media. The following command securely purges the deleted files on vol1 on SVM vs1: cluster1::> volume encryption secure-purge start -vserver vs1 -volume vol1 Starting with ONTAP 9.7, NAE and NVE are enabled by default. If the VE license is in place, either OKM or external key managers are configured, and NSE is not used, then NAE and NVE are enabled by default. NAE volumes are created by default on NAE aggregates, and NVE volumes are created by default on non-NAE aggregates. This can be overridden by entering the following command: cluster1::*> options -option-name encryption.data_at_rest_encryption.disable_by_default true For more information about NSE, NVE, NAE, OKM, and external KMIP servers, see NetApp Encryption Power Guide in the ONTAP 9 Documentation Center.

[Clean up data spills quickly with NetApp secure_purge - analyst review](#)

Firmware and Security Updates

Go to:

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

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