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 Marketing model number
NAJ-1801 EF600

First year of manufacture
2019

PSU efficiency

<table>
<thead>
<tr>
<th>Load percentage</th>
<th>DPS-1600AB-18 PSU efficiency</th>
</tr>
</thead>
<tbody>
<tr>
<td>10%</td>
<td>89.50%</td>
</tr>
<tr>
<td>20%</td>
<td>92.93%</td>
</tr>
<tr>
<td>50%</td>
<td>94.37%</td>
</tr>
<tr>
<td>100%</td>
<td>92.71%</td>
</tr>
<tr>
<td>Average efficiency</td>
<td>93.84%</td>
</tr>
<tr>
<td>Power Factor at 50% load</td>
<td>0.980</td>
</tr>
</tbody>
</table>

Declared ASHRAE operating condition class

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

Material ease of disassembly for repair or reuse

E-Series: [https://docs.netapp.com/ess-11/index.jsp in the System maintenance tab](https://docs.netapp.com/ess-11/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: 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 11.60.1R1.

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
- Python 3.6 with the ‘requests’ library