

What is HPE Smart Storage Battery?

HPE 12W Smart Storage Battery with Plug Connector - ... The HPE Smart storage battery is a lithium-ion, low-halogen centralized backup source and is required to backup the write cache content onto flash memory on the HPE Smart Array Gen10 and Gen9 performance RAID (P-class) controllers in case of an unplanned server power loss.

Why do I need a battery for HPE NVDIMMs?

The battery is also the backup power source for HPE NVDIMMs and allows any data in flight on the DRAM to be moved to the non-volatile NAND flash. Only one battery is required per server as it can support multiple devices.

What is a smart storage battery?

The Smart Storage Battery provides a sufficient duration to transfer the cached data from DDR memory to flash memory, where the data remains indefinitely or until a controller retrieves the data. For more information, see the QuickSpecs document for the Smart Storage Battery.

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The HPE 875238-B21 Smart Storage Battery is a lithium-ion, low-halogen centralized backup source and is required to backup the write cache content onto flash memory on the HPE Smart Array Gen9 and Gen10 performance RAID (P-class) ...

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