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81Y4579 – Battery Module Specs

IBM · BATTERY · SUPERCAP

WHAT YOU NEED TO KNOW

Supercapacitors have long duration but they wear out. We recommend buying new when possible, though refurbished can work. Always check the date code.

⚠ Long duration but wear out

PRODUCT OVERVIEW

IBM BATTERY CAPACITOR PACK 13.5V 6.4F

The IBM 81Y4579 is a Flash-Backed Write Cache capacitor pack, designed for enterprise RAID controllers in enterprise servers. It provides backup power to the FBWC module during unexpected power loss, ensuring cached write data is safely committed to flash memory. Unlike traditional batteries, the supercapacitor design offers a longer operational lifespan with no scheduled replacement cycles and no temperature-related degradation.

This is a high-volume replacement part in TPM market as enterprise servers remain widely deployed.

WHERE IT FITS

BATTERY → SUPERCAP → **81Y4579**

SPECIFICATIONS

Drive Bays 1x 3.5" LFF

BROWSE IBM MACHINES

[160/320Gb Escon Tape Drive Int \(Ts1130\)](#)[1600/3200Gb Lto Tape FC-8Gb Hh \(Ts3100/Ts3200\)](#)[2145-Sv1 San Volume Controller](#)[2147-Sa2 San Volume Controller](#)[2500/6250Gb Lto Tape FC-8Gb \(Ts3310\)](#)[2812 Xivg2 2Tb Data Module \(Fc 1126\)](#)[2812 Xivg2 2Tb Interface Module \(Fc 1125\)](#)[2812 Xivg2 2Tb Lv Cod Data Module \(Fc 1117\)](#)

3.5Ghz Cpu 12C (Fc Epxh) Power8

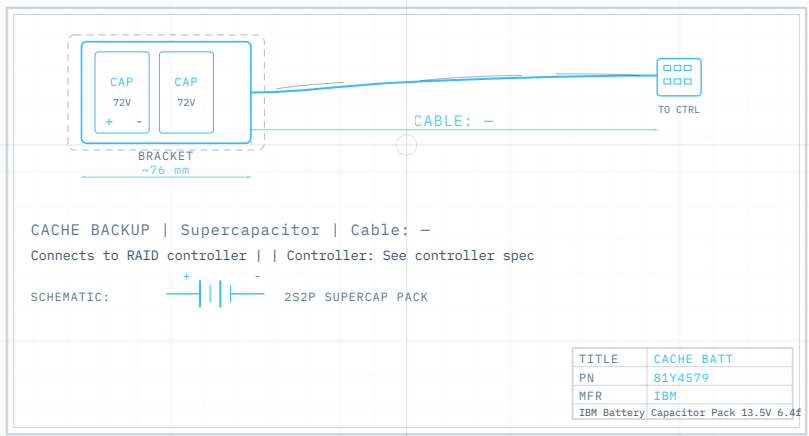
4/24-Port FC-8Gb San Switch (San06B-R)

7042 Hmc 2.4Ghz/15Mb/6C (E5-2620V3)

8247-22L (S22L) Power8

[All IBM machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- Flash-Backed Write Cache Capacitor
- Supercapacitor Technology
 - Longer lifespan than traditional batteries — no scheduled replacement cycles
- Hot-Plug Capable
- No Maintenance Required

TYPICAL APPLICATIONS

- RAID cache protection during power loss events
- Write-back cache enablement for storage controllers
- Enterprise server data integrity assurance
- Hot-swap battery/capacitor replacement in production

SUBSTITUTES & CROSS-REFERENCES 3

00JY023 Substitute **BROKER-VERIFIED**
IBM Serverraid M5100 Series Battery substitute

00JY022 Substitute **BROKER-VERIFIED**
IBM Battery Capacitor Pack 13.5V 6.4f substitute

47C8696 Compatible **PARTNER**
IBM Cache Battery Capacitor for RAID for M5200 Series - FRU compatible

LIFECYCLE

No lifecycle data available.

THIS PART SUBSTITUTES FOR 2

00JY023 SUBSTITUTE

IBM Cache Battery Capacitor for RAID for M5100 Series - FRU
IBM

47C8696 SUBSTITUTE

IBM Cache Battery Capacitor for RAID for M5100 Series - FRU
IBM

FREQUENTLY ASKED QUESTIONS

What is 81Y4579?

81Y4579 is a IBM Battery Capacitor Pack 13.5V 6.4f manufactured by IBM. It is classified as a BATTERY (SUPERCAP).

What parts can replace 81Y4579?

There are 3 known substitutes for 81Y4579: 00JY023, 00JY022, 47C8696. Substitute compatibility should be verified for your specific system.

Is 81Y4579 still available?

81Y4579 is currently Unknown.

✓ PartsTable — the parts reference. Every fact cited to its source.

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PartsTable commercial catalog: edition Unified commercial catalog snapshot through 2026-09-28, edition date not on file, retrieved 2026-09-28.