



[Home](#) > [Lenovo](#) > 4X20E54690

4X20E54690 – Power Supply Datasheet

Lenovo · PSU

WHAT YOU NEED TO KNOW

Always quote matching pair — mixed wattage causes throttling Platinum/Titanium = higher efficiency = lower power cost over time

⚠ AC or DC input? Verify customer site power

PRODUCT OVERVIEW

Introducing ThinkServer Hot Swap Redundant Power Supplies to make sure your rack solution maintains high availability. Lenovo goes the extra mile to ensure your server keeps running. High availability is important for many businesses and Lenovo makes this possible by offering redundant power supplies.

And at the same time, the power supplies provide the energy efficiency similar to 80Plus Platinum Brand. High efficiency, high PF, meet 80PLUS Gold Available through authorized enterprise resellers and TPM (Third Party Maintenance) channels. Verify compatibility with your specific system configuration before ordering.

WHERE IT FITS

4X20E54690

SPECIFICATIONS

Wattage	800W
Efficiency Rating	—
Form Factor	—
Hot-Plug	—
Redundancy	—
Input Voltage	—
Output Power	—

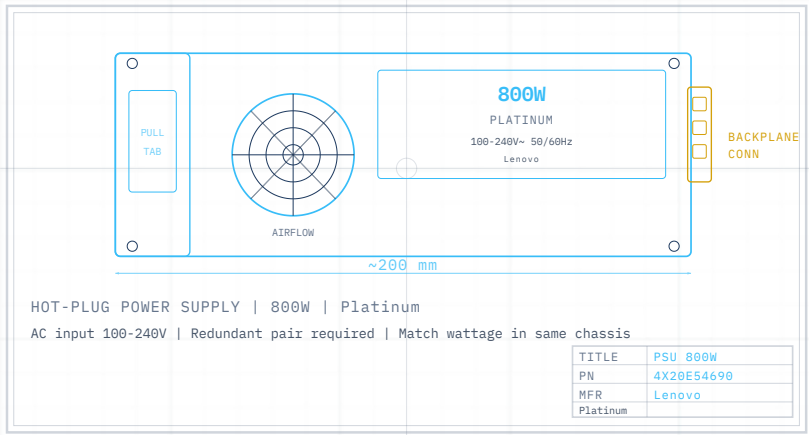
Platform —

BROWSE LENOVO MACHINES

- ThinkSystem SR650 V1
 ThinkSystem SR650 V2
 ThinkSystem SR630 V1
 ThinkSystem SR630 V2
- System x3650 M5
 System x3550 M5
 ThinkServer RD550
 System x IBM System x3650 M4
- ThinkServer RD650
 SD530
 System x3500 M4
 ThinkServer RD350

[All Lenovo machines and parts](#)

COMPONENT DIAGRAM



KEY FEATURES

- 800W Power Rating

TYPICAL APPLICATIONS

- Server power supply replacement (failed or degraded)
- Redundant power upgrade for high-availability
- Power capacity upgrade for GPU or expansion configurations
- Hot-swap power maintenance in production environments
- Spare inventory for break-fix operations

SUBSTITUTES & CROSS-REFERENCES 3

00FC581
Compatible
PARTNER

IBM RPS 800W Gold Hot Swap for ThinkServer RD440/RD540/RD640 - FRU compatible

LIFECYCLE

No lifecycle data available.

00LA927 Compatible PARTNER

IBM RPS 800W Gold Hot Swap for ThinkServer
RD440/RD540/RD640 - FRU
compatible

03X4368 Compatible PARTNER

IBM RPS 800W Gold Hot Swap for ThinkServer
RD440/RD540/RD640 - FRU
compatible

THIS PART SUBSTITUTES FOR 3

00FC581 SUBSTITUTE

IBM RPS 800W Gold Hot Swap for ThinkServer RD440/RD540/RD640 - Option
LENOVO

00LA927 SUBSTITUTE

IBM RPS 800W Gold Hot Swap for ThinkServer RD440/RD540/RD640 - Option
LENOVO

03X4368 SUBSTITUTE

IBM RPS 800W Gold Hot Swap for ThinkServer RD440/RD540/RD640 - Option
LENOVO

FREQUENTLY ASKED QUESTIONS

What is 4X20E54690?

4X20E54690 is a Lenovo 4X20E54690 power supply unit 800 W Stainless steel manufactured by Lenovo.

What parts can replace 4X20E54690?

There are 3 known substitutes for 4X20E54690: 00FC581, 00LA927, 03X4368. Substitute compatibility should be verified for your specific system.

Is 4X20E54690 still available?

4X20E54690 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.