Enterasys STK-RPS-150PS

150 W class non-PoE redundant power supply

Product identity

Enterasys STK-RPS-150PS is an external redundant power supply for compatible non-PoE fixed switches. It provides a 12 V DC backup path through the specified RPS cable.

Reference	Engineering meaning
Complete code	STK-RPS-150PS
System role	External redundant 12 V power for eligible non-PoE fixed switches
Installation	Standalone, STK-RPS-150CH2 or STK-RPS-150CH8 shelf
Supply	Condition: new, original product; dispatch confirmed in quotation

Three ordering checks

Switch fit

Read the complete non-PoE switch code and supported RPS port.

Cable scope

Confirm the specified RPS cable and AC cord are included.

Shelf plan

Choose standalone, two-slot or eight-slot placement.

Technical profile

A4-series values with application limits

Manufacturer documented values

Parameter	Documented point
Product role	External redundant power supply for compatible non-PoE switches
A4 series application	A4H124-24FX and A4H254-8F8T hardware guide scope
AC input voltage	85–264 V AC in the A4 guide
AC input frequency	47–63 Hz in the A4 guide
DC output voltage	12 V DC
Output current	1.0 A minimum; 8.5 A or 13.0 A maximum by application
Continuous output power	102 W or 156 W by application in the A4 specification
Non-PoE boundary	Do not connect to a PoE-compliant switch
RPS cable	Specified cable, 1 m in the A4 connection illustration
Shelf option 1	STK-RPS-150CH2 two-slot shelf
Shelf option 2	STK-RPS-150CH8 eight-slot shelf

The electrical values are from the Enterasys A4 hardware guide. Confirm the actual receiving switch and output demand before applying the higher current/power figures.

Integration and care

System uses and service checks

Applications

A4 switch backup power

Pair an A4H124-24FX or A4H254-8F8T with the specified RPS cable and verify both supply and switch indicators.

Two-supply rack shelf

Use STK-RPS-150CH2 where the rack and supported switch plan call for two supply positions.

Eight-supply rack shelf

Use STK-RPS-150CH8 when multiple eligible switches need an organized shelf layout and sufficient AC outlets.

Standalone redundant supply

Mount the power unit without a shelf where permitted, maintaining cable reach, ventilation and service access.

Precautions

Reject PoE connection

Do not connect STK-RPS-150PS to a PoE-compliant fixed switch; the manufacturer warns that switch damage may result.

Use the specified cable

Use the RPS cable intended for this unit and switch; do not substitute a generic cable based on plug shape.

Power down before cabling

Isolate switch and RPS power before mating the RPS cable, then follow the site and manufacturer startup sequence.

Verify shelf and hardware

Confirm shelf model, captive screws, rack support and AC outlet plan before installing the supply.

Check both indicators

After applying AC, inspect the green RPS Power LED and the receiving switch RPS status before declaring redundancy available.

Record the test

Document switch model, RPS full code, cable, shelf, AC source, LED state and a controlled power-path test.

FAQ and selection

Read the complete switch and supply references

Lifecycle and supply

STK-RPS-150PS status

A current lifecycle phase for the exact Enterasys STK-RPS-150PS has not been confirmed.

Support and replacement

Select a redundant supply by the installed switch model, non-PoE requirement, RPS cable and shelf arrangement. A PoE-capable RPS or a different power-supply code is not assumed interchangeable.

Apter Power availability

The offered unit quantity and dispatch date are confirmed separately in the quotation.

Technical source

Enterasys A4 Fast Ethernet Switch Hardware Installation Guide, P/N 9034608-03, with exact STK-RPS-150PS installation and specification sections; ExtremeSwitching hardware guide for the non-PoE boundary.

Engineering FAQ

Can STK-RPS-150PS be connected to a PoE-compliant switch?

No. Extreme documentation warns that STK-RPS-150PS is for compatible non-PoE fixed switches and that connection to a PoE-compliant unit can damage the switch. Verify the full switch code before cabling.

How is STK-RPS-150PS connected to an A4 switch?

Use the specified RPS cable between the rear RPS connectors, then connect AC to the supply. Check its green Power LED and the switch RPS indication; compare the setup with the A4 hardware guide.

What should I check if the STK-RPS-150PS Power LED remains off?

Confirm the AC outlet is within specification, inspect both cord ends and test with a known-good approved cord. If the indicator remains off, isolate the unit and investigate before treating redundancy as available.

Related Enterasys references

Adjacent products and shelf codes for identification; confirm switch and RPS fit.

A4H124-24FX
A4 Fast Ethernet switch

A4H254-8F8T
A4 Fast Ethernet switch

STK-RPS-150CH2
Two-slot RPS shelf

STK-RPS-150CH8
Eight-slot RPS shelf

C2RPS-CHAS2
Legacy two-slot shelf

C2RPS-CHAS8
Legacy eight-slot shelf

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