Yokogawa PW482-10 S2

220-240 V AC Input Power Supply Module

01 / CONFIRMED ROLE AND EXACT IDENTITY

Yokogawa PW482-10 S2 is a 220-240 V AC input power supply module for compatible field control units, FIO node units, optical ESB bus repeater units and designated base plates. It is an exclusive system module rather than a general-purpose power supply.

220-240 V AC Input Power Supply Module → **Installed system boundary** → **Verified service evidence**

Field control unit power

Provide the internal supply for a documented compatible FCU power position.

FIO node power

Support compatible FIO node hardware through the exclusive module interface.

Optical ESB repeater power

Serve a documented compatible repeater unit without external general-purpose use.

Redundant power restoration

Restore a matched two-module supply arrangement and verify partner behavior.

Identity boundary

Published PW482 family data confirms 220-240 V AC +/-10%, 50/60 Hz +/-3 Hz, maximum 230 VA, approximate 1 kg and an exclusive connector. PW482-10 S2 is retained exactly as the requested legacy execution; later -5x suffix decoding is not applied to -10.

Module function	System power supply
Input voltage	220-240 V AC +/-10%
Input frequency	50/60 Hz +/-3 Hz
Maximum consumption	230 VA

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Input frequency	50/60 Hz +/-3 Hz
Maximum consumption	230 VA
Published family weight	Approx. 1 kg
Interface	Exclusive connector
General-purpose use	Not supported
Compatible FCU family	Documented supported units only
Compatible node family	Documented FIO nodes only
Repeater-unit use	Documented optical ESB unit only

Use exact evidence

Only values tied to this model or its confirmed manufacturer family are stated.

Preserve installed context

Host, slot, partner and connection evidence govern replacement acceptance.

No adjacent-model inference

Nearby suffixes and related modules do not supply missing ratings.

Keep limits distinct

A maximum or compatibility boundary is not an operating target.

Procurement gate

Base-plate use	Documented compatible base plates
Redundant arrangement	Two modules where configured
Replacement boundary	Exact -10 S2 execution
Suffix boundary	Do not infer -10 from later -5x table

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Restore a matched two-module supply arrangement and verify partner behavior.

Before removal	Record PW482-10 S2, host unit, slot, feeder, grounding and partner module before isolation.
Maintenance state	Place the controlled process and host equipment in the approved maintenance state.
Connection record	Prove the 220-240 V AC feeder isolated before handling the supply position.
Identity control	Do not infer the -10 execution from later PW482 -5x ordering tables.
Acceptance	After installation, verify secure seating, stable host power, partner status and clear diagnostics.
Retained record	Retain the as-left feeder, slot, partner and witnessed functional result.

Engineering boundary

Application examples describe the installed-system role only. They do not establish automatic interchangeability, redesign approval or compatibility with a different suffix.

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Question	Evidence-based answer
What input supply does Yokogawa PW482-10 S2 accept?	The documented PW482 family input is 220-240 V AC +/-10% at 50/60 Hz +/-3 Hz.
What is the maximum consumption of Yokogawa PW482-10 S2?	The published PW482 family maximum power consumption is 230 VA.
Is Yokogawa PW482-10 S2 a general-purpose power supply?	No. PW482 is an exclusive module for compatible Yokogawa control, node, repeater or base-plate hardware.
Which units can use Yokogawa PW482-10 S2?	Use only a compatible FCU, FIO node, optical ESB repeater unit or base plate confirmed by the installed-system documentation.
Can Yokogawa PW482-10 S2 be installed redundantly?	Two PW482 modules can be used where the compatible host unit is configured for dual-redundant power.
What must be recorded before removing Yokogawa PW482-10 S2?	Record the complete tag, host unit, power slot, AC feeder, partner module, grounding, LEDs and diagnostics.
Can a later PW482 suffix replace Yokogawa PW482-10 S2?	Do not assume so. Retain -10 S2 exactly and verify compatibility against the host system and approved replacement documentation.
What completes commissioning of Yokogawa PW482-10 S2?	Stable host power, correct partner behavior, secure connections, clear diagnostics and a witnessed as-left record complete commissioning.

Decision rule

If the installed evidence disagrees with this record, stop and resolve the exact tag, host documentation and configuration before release.

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Base-plate use	Documented compatible base plates
Redundant arrangement	Two modules where configured
Replacement boundary	Exact -10 S2 execution
Suffix boundary	Do not infer -10 from later -5x table
Commissioning proof	Stable unit power and diagnostics
Release record	Feeder, slot, partner and as-left result

Technical reference record

PW481, PW482, PW484 Power Supply Modules

GS 33J60E70-01EN; selected pages covering specifications and supported installation

Related Apter Power catalog references

Catalog navigation only. These entries do not establish compatibility, substitution or approval of a changed installation.

Yokogawa AFV10D S2 | View Yokogawa AFV10D S2 page

Yokogawa EC401-10 S2 | View Yokogawa EC401-10 S2 page

Yokogawa ADV151-P00 S2 | View Yokogawa ADV151-P00 S2 page

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Send the exact model, quantity and requested condition for a quotation.

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