Yokogawa PW482-10 S2

220-240 V AC Input Power Supply Module

01 / SCOPE, BASELINE AND WORK-CONTROL GATE

This guide restores the documented PW482-10 S2 position without changing its approved host, assignment, connections or operating purpose.

Capture exact identity → **Control installed energy and process state** → **Restore diagnostics and function**

Exact tag

Record PW482-10 S2 and every visible revision or assembly label.

Installed context

Capture host, slot, partner and connected hardware before disturbance.

Baseline evidence

Save configuration, status indications and active diagnostics.

Release boundary

Use only permitted checks under the approved site procedure.

Work identity	PW482-10 S2
Function	220-240 V AC Input Power Supply Module
Origin requested	Japan
Evidence rule	No adjacent-model parameter borrowing

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Preparation 1

Record PW482-10 S2, host unit, slot, feeder, grounding and partner module before isolation.

Preparation 2

Place the controlled process and host equipment in the approved maintenance state.

Preparation 3

Prove the 220-240 V AC feeder isolated before handling the supply position.

Preparation 4

Protect the exclusive connector and backplane contacts from damage and contamination.

Module function	System power supply
Input voltage	220-240 V AC +/-10%
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

Stop conditions

Tag differs	Resolve identity before ordering or installation.
Host is undocumented	Trace the installed architecture and approved manuals.
Connection record is incomplete	Label and photograph every affected interface.
Safe state is not established	Do not proceed with removal.

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03 / REMOVAL AND EXACT RESTORATION SEQUENCE

Step	Controlled action
1	Record PW482-10 S2, host unit, slot, feeder, grounding and partner module before isolation.
2	Place the controlled process and host equipment in the approved maintenance state.
3	Prove the 220-240 V AC feeder isolated before handling the supply position.
4	Protect the exclusive connector and backplane contacts from damage and contamination.
5	Do not use PW482-10 S2 as a stand-alone or general-purpose power source.
6	Do not infer the -10 execution from later PW482 -5x ordering tables.
7	After installation, verify secure seating, stable host power, partner status and clear diagnostics.
8	Retain the as-left feeder, slot, partner and witnessed functional result.

Mechanical fit

Seat only in the documented position and verify retention.

Electrical fit

Restore feeder, cable or backplane relationships exactly.

Information fit

Retain configuration, labels, revision and diagnostic evidence.

Environmental fit

Keep contacts clean and use grounded ESD controls.

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Commissioning question	Required evidence
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.

Acceptance record

Accept only when exact identity, installed position, connections, diagnostics and the permitted functional response match the approved record.

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05 / HANDOVER AND RETAINED EVIDENCE

Compatible node family	Documented FIO nodes only
Repeater-unit use	Documented optical ESB unit only
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 ADV151-P00 S2 | View Yokogawa ADV151-P00 S2 page

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

Yokogawa AFV10D S2 | View Yokogawa AFV10D S2 page

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

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