

ABB YPG111A 3ASD273001B1 Functional Verification

YPG111A Source-Gated Power-Measurement Verification Guide

ABB YPG 111A Power Measuring Unit - Functional Verification

DOCUMENT SCOPE

Independent Apter Power manual compiled only from the cited ABB manufacturer sources. No product photograph is included.

Product / lookup identity	ABB YPG111A 3ASD273001B1 Functional Verification
Reference number	3ASD273001B1
Document basis	Published ABB product records, PDFs, and manuals listed on page 3



Product page

<https://www.apterpower.com/ABB/ypg-111a>
Apter Power contact

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Project measurement source, YPG111A interface, scaling/calculation, and control-path validation

ABB YPG 111A, product ID 3ASD273001B1, is identified by ABB as a Power Measuring Unit and classified in the official record as a spare part. Its verified functional description stops at power measurement.

01	Verified Role: Power Measuring Unit.
02	Measured Signals: unknown; the ABB product record does not define voltage, current, phase, frequency or power quantities.
03	Processing: unknown; no conditioning, calculation, accuracy or update-rate data are published.
04	Outputs: unknown
05	Communications: unknown

Exact identity/logistics with unpublished host, quantity, range, interface, and lifecycle HOLD

01	Verification Status: VERIFIED_EXACT_MODEL_AND_PRODUCT_ID_FROM_ABB_OFFICIAL_PRODUCT_PAGE; FUNCTIONAL_HOST_AND_SIGNAL_DATA_NOT_PUBLICLY_VERIFIED
02	Exact Mapping: ABB's official product page maps Product ID 3ASD273001B1 to ABB Type Designation YPG 111A and Catalog Description YPG 111A; YPG 111A POWER MEASURING UNIT.
03	Lifecycle Status: unknown; ABB's product page labels it Part Type New and Made To Order No but publishes no lifecycle phase



Host/BOM, input source, isolation, connector map, scaling, calibration, and functional tests

01	Confirm the complete YPG 111A and 3ASD273001B1 physical label, hardware revision, host assembly and board position before work.
02	Obtain the exact ABB host-system manual, schematic, connector/pinout, signal ranges and calibration procedure; do not use reseller specifications.
03	Isolate all power, measurement and control circuits and verify the system is in its project-defined safe state before removing the unit.
04	Treat voltage/current measurement circuits as potentially hazardous until the exact source and isolation method are identified.
05	Record connectors, cable numbers, polarity, shields, jumpers, scaling and as-found calibration data before disconnection.
06	Use ESD-safe handling and protect the unit from contamination, moisture and mechanical damage.

Identity and release controls

Verification Status	VERIFIED_EXACT_MODEL_AND_PRODUCT_ID_FROM_ABB_OFFICIAL_PRODUCT_PAGE; FUNCTIONAL_HOST_AND_SIGNAL_DATA_NOT_PUBLICLY_VERIFIED
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Official ABB sources

3ASD273001B1 product details	https://new.abb.com/products/3ASD273001B1/3asd273001b1
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