

HHR-11F2A1

Industrial Rechargeable Battery

Yokogawa HHR-11F2A1 is the industrial rechargeable battery for Yokogawa industrial battery equipment. It provides battery-backed retention support for documented Yokogawa equipment in the

PRODUCT SNAPSHOT

BRAND

Yokogawa

FAMILY

Yokogawa industrial battery

PART

HHR-11F2A1

DOCUMENT STATUS

Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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PRODUCT OVERVIEW

Yokogawa HHR-11F2A1 provides battery-backed retention support for documented Yokogawa equipment in a documented Yokogawa industrial battery equipment installation.

 Exact model: HHR-11F2A1

 Product category: Rechargeable industrial battery

 Official material family: Nickel metal hydride / nickel cadmium batteries

 Product form: Manufactured battery article

RELATED APTER POWER PAGES		
 Yokogawa EB401-50-S1	 Yokogawa ALF111-S50-S1	 Yokogawa ET5-B
 Yokogawa VF702	 Yokogawa ANB10D-427-CU2T	 Yokogawa EC402-51
 Yokogawa CP451-10-S2	 Yokogawa PW482-50	

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Industrial Rechargeable Battery	Yokogawa industrial battery equipment
Documented power, signal and communication interfaces	Approved engineering configuration and acceptance record

ENGINEERING CONTEXT

The component remains matched to its documented cabinet position, power source, interfaces and approved engineering configuration. Commissioning restores that architecture and verifies the affected control or communication function under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE
Exact model	HHR-11F2A1
Product category	Rechargeable industrial battery
Official material family	Nickel metal hydride / nickel cadmium batteries
Product form	Manufactured battery article

PARAMETER	VALUE
Official document type	Safety Data Sheet
Supplier record	Yokogawa Australia Pty Ltd
Official document date	February 2017
Documented model status	Explicitly listed in the Yokogawa SDS model-name

RELATED PRODUCT PAGES

1 Yokogawa EB401-50-S1

2 Yokogawa ALF111-S50-S1

3 Yokogawa ET5-B

4 Yokogawa VF702

5 Yokogawa ANB10D-427-CU2T

6 Yokogawa EC402-51

7 Yokogawa CP451-10-S2

8 Yokogawa PW482-50

TECHNICAL NOTE

Use HHR-11F2A1 only in the documented Yokogawa industrial battery equipment position. Preserve the exact connectors, power, signal or network configuration and verify battery-backed retention support for documented Yokogawa equipment during controlled commissioning.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Yokogawa industrial battery equipment installation

Uses HHR-11F2A1 for battery-backed retention support for documented Yokogawa equipment in the

Controlled replacement

Restores the exact HHR-11F2A1 identity, interfaces and configuration before energization.

Commissioning verification

Checks HHR-11F2A1 diagnostics and the affected function under controlled conditions.

Lifecycle maintenance

Preserves the approved Yokogawa industrial battery equipment wiring, network and engineering record

PRODUCT PRECAUTIONS

1

Confirm the complete HHR-11F2A1 marking and the documented Industrial Rechargeable Battery execution.

2

Place the machine, controller and affected process in the approved maintenance state.

3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.

4

Record the installed position, every terminal or port, and the active engineering configuration.

5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

6

Restore protective earth, shielding, wiring, communications and the approved project or

7

Energize under control and review all device, rack, network and process diagnostics.

8

Complete a controlled functional test of battery-backed retention support for documented Yokogawa equipment

RELATED APTER POWER PAGES

1

Yokogawa EB401-50-S1

2

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Yokogawa ET5-B

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Yokogawa VF702

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Yokogawa CP451-10-S2

8

Yokogawa PW482-50

ENGINEER FAQ

Q1 How does Yokogawa identify HHR-11F2A1 in its battery safety record?

For HHR-11F2A1, the official Yokogawa evidence records exact model as HHR-11F2A1. Apply that value only within the documented Yokogawa industrial battery equipment configuration and confirm the

Q2 Which industrial product category applies to this battery article?

For HHR-11F2A1, the official Yokogawa evidence records product category as Rechargeable industrial battery. Apply that value only within the documented Yokogawa industrial battery equipment

Q3 What battery chemistry family does the official SDS cover?

For HHR-11F2A1, the official Yokogawa evidence records official material family as Nickel metal hydride / nickel cadmium batteries. Apply that value only within the documented Yokogawa industrial

Q4 Why is HHR-11F2A1 treated as a manufactured article rather than loose chemical material?

For HHR-11F2A1, the official Yokogawa evidence records product form as Manufactured battery article. Apply that value only within the documented Yokogawa industrial battery equipment configuration and

Q5 Which Yokogawa document is the controlling evidence for safe handling?

For HHR-11F2A1, the official Yokogawa evidence records official document type as Safety Data Sheet. Apply that value only within the documented Yokogawa industrial battery equipment configuration and

Q6 Who is identified as the supplier in the cited safety record?

For HHR-11F2A1, the official Yokogawa evidence records supplier record as Yokogawa Australia Pty Ltd. Apply that value only within the documented Yokogawa industrial battery equipment configuration and

Q7 When was the governing Yokogawa battery SDS issued?

For HHR-11F2A1, the official Yokogawa evidence records official document date as February 2017. Apply that value only within the documented Yokogawa industrial battery equipment configuration and

Q8 What confirms that HHR-11F2A1 is within the SDS model-name scope?

For HHR-11F2A1, the official Yokogawa evidence records documented model status as Explicitly listed in the Yokogawa SDS model-name group. Apply that value only within the documented Yokogawa

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SOURCE Yokogawa Nickel Metal Hydride/Nickel Cadmium Batteries Safety Data Sheet | Official manufacturer evidence verified 28 September 2026

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