

Project:	RX-310Z
Internal No.:	PR-773
Prepared By:	Peter Schmidt
Approved By:	Laura Rossi

Location: Plant 1C | Date: 2025-02-26

Confirm that performance ranges comply with project requirements. Check that all material specs align with supplier certifications. Use this spec sheet to validate assembly instructions. Use this sheet to confirm engineering requirements and tolerances. This report extract is prepared for design-verification audits. Refer to this configuration summary for unit-designation mapping. This data sheet provides key specifications and material details.

Model Type	Hydraulic Power Unit	Operating Pressure	210 bar
Flow Rate	75 L/min	Operating Voltage	480 V / 60 Hz
Filtration	5 µm inline, 10 µm return	Noise Level	≤ 72 dB(A)
Motor Power	7.5 kW	Total Weight	180 kg
Battery Capacity	5 Ah	Frame Material	Powder-coated Steel
Dimensions (LxWxH)	1000 x 650 x 1000 mm	Oil Type	HLP 68
Mounting	Skid base with vibration pads	Cooling	Water-cooled exchanger
Working Temp. Range	5°C to 45°C	Service Interval	1000 h
Reservoir Capacity	80 L		

Archive this summary for future design-change management. Document control numbers are included for traceability. Flag any missing parameters for urgent specification updates. Ensure glossary terms match the engineering nomenclature. Data sheet has been peer-reviewed by the engineering team. Ensure that the listed materials are approved for the application. Use this summary to cross-check with BOM and inspection reports.

Material of Construction:

Subcomponent	Base
Steel Sheet A36	Carbon Steel A36
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Battery Pack	Lithium-Ion Cell Pack
Hinge Set	Stainless Steel 304
Nut M6	Zinc-Plated Steel