

Product Data Sheet

Project:	XD-710R
Report No.:	7652120
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Approved By:	Peter Schmidt

Location: Plant 2B | Date: 2025-04-23

The parameter register below includes operating limits and ratings. All data entries are traceable to design revision history. Use this sheet to confirm engineering requirements and tolerances. This report extract is prepared for design-verification audits. Please review the specifications and material composition listed below. This data sheet provides key specifications and material details.

Configuration Type	Cooling Circulation System	Operating Pressure	250 bar
Throughput	30 L/min	Supply Voltage	400 V / 50 Hz
Dimensions (LxWxH)	1200 x 700 x 1100 mm	Pump Type	Gear Pump
Charging Time	2 h	Total Weight	230 kg
Noise Level	≤ 68 dB(A)	Protection Class	IP67
Control Valve	Directional 4/3	Working Temp. Range	-10°C to 50°C
Cooling	Water-cooled exchanger	Battery Capacity	5 Ah
Oil Type	HLP 68	Mounting	Rack frame
Service Interval	1000 h	Frame Material	Powder-coated Steel
Reservoir Capacity	160 L	Filtration	10 µm return, 25 µm suction
Motor Power	7.5 kW		

Material of Construction:

Item	Composition
Connector 2P	Glass-Filled Nylon
Hinge Set	Stainless Steel 304
Capacitor 450V	Aluminum 6061-T6
Battery Pack	Lithium-Ion Cell Pack
Graphite Pad	Graphite Pad
Wiring Loom 1m	PVC (Rigid)
Bearing 6202 ZZ	Stainless Steel 304
Fuse 5A	Ceramic Oxide
Support Foot Steel	Stainless Steel 304
Steel Sheet A36	Carbon Steel A36