

Product Data Sheet

Project:	SL-430M
Internal No.:	PR-954
Prepared By:	Peter Schmidt
Approved By:	Peter Schmidt

Location: Plant 3A | Date: 2024-11-18

Confirm that performance ranges comply with project requirements. The following information outlines performance characteristics and design data. This technical overview supports the product-release checklist. Below are the technical parameters and construction materials for the unit. Use this spec sheet to validate assembly instructions. This section details the configuration and parameter set for the product. Use this sheet to confirm engineering requirements and tolerances.

Unit Type	Hydraulic Power Unit	Operating Pressure	180 bar
Flow Rate	48 L/min	Voltage	400 V / 50 Hz
Pump Type	Vane Pump	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Charging Time	2 h	Working Temp. Range	10°C to 55°C
Noise Level	≤ 68 dB(A)	Cooling	Water-cooled exchanger
Filtration	10 µm return, 25 µm suction	Battery Capacity	2 Ah
Control Valve	Proportional 4/2	Total Weight	180 kg
Protection Class	IP67	Oil Type	HLP 46
Mounting	Rack frame	Frame Material	Aluminum Frame
Motor Power	7.5 kW		

Material of Construction:

Part	Base
Capacitor 450V	Aluminum 6061-T6
Graphite Pad	Graphite Pad
Hex Bolts M12	Zinc-Plated Steel
Support Foot Steel	Stainless Steel 304
Fuse 5A	Ceramic Oxide
Nut M6	Zinc-Plated Steel
Hinge Set	Stainless Steel 304
Power Switch	Polycarbonate + Copper
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Connector 2P	Glass-Filled Nylon
Wooden Pallet	Treated Pine Wood