

## Product Overview

Project:	KV-390K
Internal No.:	6457128
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Approved By:	Jan Kowalski

Location: Plant 2B | Date: 2024-03-18

The following information outlines performance characteristics and design data. This report extract is prepared for design-verification audits. Below are the technical parameters and construction materials for the unit. All data entries are traceable to design revision history. This section details the configuration and parameter set for the product.

Model Type	Hydraulic Power Unit	Operating Pressure	300 bar
Throughput	48 L/min	Supply Voltage	480 V / 60 Hz
Total Weight	230 kg	Filtration	10 µm return, 25 µm suction
Charging Time	2 h	Reservoir Capacity	160 L
Mounting	Wall-mounted	Battery Capacity	10 Ah
Dimensions (LxWxH)	1200 x 700 x 1100 mm	Protection Class	IP54
Working Temp. Range	-10°C to 50°C	Noise Level	≤ 70 dB(A)
Service Interval	12 months	Motor Power	7.5 kW
Frame Material	Powder-coated Steel	Oil Type	HLP 68
Pump Type	Gear Pump	Control Valve	Directional 4/3
Cooling	Water-cooled exchanger		

Refer to parameter table for operating ranges and tolerances. Ensure glossary terms match the engineering nomenclature. Archive this summary for future design-change management. Data sheet has been peer-reviewed by the engineering team. This summary reflects the latest revision of the product data. Use this summary to cross-check with BOM and inspection reports. Flag any missing parameters for urgent specification updates.

Material of Construction:

Part	Base
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Battery Pack	Lithium-Ion Cell Pack
Graphite Pad	Graphite Pad
Capacitor 450V	Aluminum 6061-T6
Wooden Pallet	Treated Pine Wood
Hinge Set	Stainless Steel 304