

Unit Configuration

Project:	LP-555V
Report No.:	PR-988
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Approved By:	Laura Rossi

Location: Plant 2B | Date: 2025-02-17

This section details the configuration and parameter set for the product. Use this sheet to confirm engineering requirements and tolerances. All data entries are traceable to design revision history. Refer to this configuration summary for unit-designation mapping. Confirm that performance ranges comply with project requirements. Entries include both mechanical and electrical specifications.

Unit Type	Hydraulic Power Unit	Rated Pressure	180 bar
Flow Rate	60 L/min	Supply Voltage	230 V / 50 Hz
Battery Capacity	2 Ah	Filtration	10 µm return, 25 µm suction
Cooling	Water-cooled exchanger	Total Weight	230 kg
Reservoir Capacity	160 L	Frame Material	Stainless Steel Frame
Working Temp. Range	5°C to 45°C	Charging Time	6 h
Pump Type	Gear Pump	Dimensions (LxWxH)	1000 x 650 x 1000 mm
Mounting	Skid base with vibration pads	Noise Level	≤ 72 dB(A)
Motor Power	5.5 kW	Service Interval	500 h

Material of Construction:

Part	Composition
Battery Pack	Lithium-Ion Cell Pack
Thermal Fuse	Ceramic Oxide
LED Light Strip	Glass-Filled Nylon
Steel Sheet A36	Carbon Steel A36
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Pressure Valve	Brass CZ121
Fuse 5A	Ceramic Oxide
Capacitor 450V	Aluminum 6061-T6
Hinge Set	Stainless Steel 304
Teflon Tape Roll	Teflon Tape Roll
Gasket Sheet A4	Nitrile Rubber (NBR)
Support Foot Steel	Stainless Steel 304