

Unit Data Specification

Project:	CE-905L
Internal No.:	PR-380
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Location: Plant 3A | Date: 2024-02-14

This section details the configuration and parameter set for the product. Use this sheet to confirm engineering requirements and tolerances. 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. Ensure all referenced standards are up to date. The parameter register below includes operating limits and ratings.

Model Type	Pneumatic Control Unit	Design Pressure	300 bar
Throughput	75 L/min	Operating Voltage	480 V / 60 Hz
Cooling	Water-cooled exchanger	Pump Type	Vane Pump
Control Valve	Directional 4/3	Dimensions (LxWxH)	1000 x 650 x 1000 mm
Working Temp. Range	-10°C to 50°C	Total Weight	230 kg
Battery Capacity	10 Ah	Mounting	Rack frame
Frame Material	Powder-coated Steel	Noise Level	≤ 68 dB(A)
Motor Power	5.5 kW	Protection Class	IP67
Charging Time	4 h	Oil Type	HLP 46
Reservoir Capacity	120 L		

Material of Construction:

Part	Base
Power Switch	Polycarbonate + Copper
Hinge Set	Stainless Steel 304
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Capacitor 450V	Aluminum 6061-T6
LED Light Strip	Glass-Filled Nylon
Hex Bolts M12	Zinc-Plated Steel
Battery Pack	Lithium-Ion Cell Pack
Support Foot Steel	Stainless Steel 304
Bearing 6202 ZZ	Stainless Steel 304
Wooden Pallet	Treated Pine Wood
Wiring Loom 1m	PVC (Rigid)
O-Ring NBR 60mm	Nitrile Rubber (NBR)