

Component Overview

This data sheet provides key specifications and material details. The parameter register below includes operating limits and ratings. Please review the specifications and material composition listed below. Check that all material specs align with supplier certifications. The following information outlines performance characteristics and design data. Confirm that performance ranges comply with project requirements.

Product ID:	RE-850C
Internal No.:	9048456

Prepared by: Laura Rossi | Approved by: Carlos Garcia | Date: 2023-12-03

Model Type	Hydraulic Power Unit	Rated Pressure	210 bar
Throughput	30 L/min	Supply Voltage	230 V / 50 Hz
Pump Type	Gear Pump	Protection Class	IP65
Total Weight	230 kg	Cooling	Air-cooled oil radiator
Charging Time	2 h	Filtration	10 µm return, 25 µm suction

Check that all section headers follow the product template. Use this summary to cross-check with BOM and inspection reports. Confirm that all test conditions are accurately represented. Archive this summary for future design-change management. All summary comments have been recorded in the revision log.

Material of Construction:

Label	Composition
Capacitor 450V	Aluminum 6061-T6
Teflon Tape Roll	Teflon Tape Roll
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Pressure Valve	Brass CZ121
Cooling Gel Pack	Silicone Rubber
Battery Pack	Lithium-Ion Cell Pack
Fuse 5A	Ceramic Oxide
Gasket Sheet A4	Nitrile Rubber (NBR)
Hex Bolts M12	Zinc-Plated Steel