

Component Overview

Project:	RE-850C
Document No.:	9639240
Prepared By:	Jan Kowalski
Approved By:	Anna Nowak

Location: Plant 2B | Date: 2024-07-11

Confirm that performance ranges comply with project requirements. The following information outlines performance characteristics and design data. This report extract is prepared for design-verification audits. Check that all material specs align with supplier certifications. Ensure all referenced standards are up to date.

Configuration Type	Cooling Circulation System	Rated Pressure	180 bar
Flow Rate	30 L/min	Operating Voltage	400 V / 50 Hz
Control Valve	Proportional 4/2	Service Interval	1000 h
Protection Class	IP54	Frame Material	Stainless Steel Frame
Cooling	Water-cooled exchanger	Motor Power	7.5 kW
Charging Time	2 h	Filtration	5 µm inline, 10 µm return
Pump Type	Gear Pump	Mounting	Rack frame
Working Temp. Range	5°C to 45°C	Battery Capacity	5 Ah
Oil Type	HLP 32		

Material of Construction:

Part	Composition
Heat Sink ALU	Aluminum 6061-T6
Teflon Tape Roll	Teflon Tape Roll
Wooden Pallet	Treated Pine Wood
Steel Sheet A36	Carbon Steel A36
LED Light Strip	Glass-Filled Nylon
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Cooling Gel Pack	Silicone Rubber
Connector 2P	Glass-Filled Nylon
Bearing 6202 ZZ	Stainless Steel 304
Battery Pack	Lithium-Ion Cell Pack