

Unit Data Specification

Project:	MR-160H
Document No.:	PR-789
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Location: Plant 2B | Date: 2023-08-26

Please review the specifications and material composition listed below. This section details the configuration and parameter set for the product. This data sheet provides key specifications and material details. All data entries are traceable to design revision history. Refer to this configuration summary for unit-designation mapping.

Configuration Type	Hydraulic Power Unit	Operating Pressure	250 bar
Fluid Flow	75 L/min	Voltage	400 V / 50 Hz
Working Temp. Range	10°C to 55°C	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Reservoir Capacity	160 L	Total Weight	180 kg
Charging Time	2 h	Protection Class	IP67
Service Interval	500 h	Pump Type	Gear Pump
Cooling	Water-cooled exchanger	Mounting	Skid base with vibration pads
Oil Type	HLP 68	Filtration	10 µm return, 25 µm suction
Noise Level	≤ 68 dB(A)		

Archive this summary for future design-change management. Check that all section headers follow the product template. Ensure that the listed materials are approved for the application. All specifications meet the design requirements and industry standards.

Material of Construction:

Subcomponent	Raw Material
Battery Pack	Lithium-Ion Cell Pack
Bearing 6202 ZZ	Stainless Steel 304
Cooling Gel Pack	Silicone Rubber
Capacitor 450V	Aluminum 6061-T6
Graphite Pad	Graphite Pad
Wooden Pallet	Treated Pine Wood
Thermal Fuse	Ceramic Oxide
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Hex Bolts M12	Zinc-Plated Steel
Nut M6	Zinc-Plated Steel
Heat Sink ALU	Aluminum 6061-T6