

Unit Data Specification

Project:	MR-160H
Report No.:	PR-519
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Location: Plant 3A | Date: 2023-12-15

Below are the technical parameters and construction materials for the unit. This report extract is prepared for design-verification audits. This section details the configuration and parameter set for the product. The following information outlines performance characteristics and design data. Refer to this configuration summary for unit-designation mapping. Check that all material specs align with supplier certifications. This data sheet provides key specifications and material details.

Model Type	Cooling Circulation System	Rated Pressure	300 bar
Fluid Flow	75 L/min	Operating Voltage	400 V / 50 Hz
Oil Type	HLP 68	Mounting	Rack frame
Reservoir Capacity	80 L	Control Valve	Directional 4/3
Noise Level	≤ 70 dB(A)	Total Weight	180 kg
Protection Class	IP65	Dimensions (LxWxH)	1200 x 700 x 1100 mm
Battery Capacity	10 Ah	Filtration	10 µm return, 25 µm suction
Charging Time	6 h	Cooling	Air-cooled oil radiator
Motor Power	7.5 kW	Working Temp. Range	5°C to 45°C
Frame Material	Stainless Steel Frame	Service Interval	1000 h

All summary comments have been recorded in the revision log. Archive this summary for future design-change management. Overall configuration is within defined design and safety margins. This closure note indicates the data sheet is ready for release. Ensure that the listed materials are approved for the application. Confirm that all test conditions are accurately represented. Refer to parameter table for operating ranges and tolerances.

Material of Construction:

Item	Composition
Wiring Loom 1m	PVC (Rigid)
Battery Pack	Lithium-Ion Cell Pack
Heat Sink ALU	Aluminum 6061-T6