

Product Data Sheet

Ensure all referenced standards are up to date. Entries include both mechanical and electrical specifications. This report extract is prepared for design-verification audits. Check that all material specs align with supplier certifications. The parameter register below includes operating limits and ratings.

Product ID:	MR-160H
Document No.:	PR-102

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Unit Type	Hydraulic Power Unit	Design Pressure	210 bar
Flow Rate	48 L/min	Operating Voltage	400 V / 50 Hz
Battery Capacity	5 Ah	Pump Type	Vane Pump
Reservoir Capacity	120 L	Total Weight	230 kg
Cooling	Air-cooled oil radiator		

Check that all section headers follow the product template. Refer to parameter table for operating ranges and tolerances. All summary comments have been recorded in the revision log. Overall configuration is within defined design and safety margins. Flag any missing parameters for urgent specification updates.

Material of Construction:

Subcomponent	Raw Material
Fuse 5A	Ceramic Oxide
Battery Pack	Lithium-Ion Cell Pack
Wooden Pallet	Treated Pine Wood
LED Light Strip	Glass-Filled Nylon
Heat Sink ALU	Aluminum 6061-T6
Pressure Valve	Brass CZ121
Nut M6	Zinc-Plated Steel
Wiring Loom 1m	PVC (Rigid)