

Please review the specifications and material composition listed below. Confirm that performance ranges comply with project requirements. This report extract is prepared for design-verification audits. Use this sheet to confirm engineering requirements and tolerances. Check that all material specs align with supplier certifications. This section details the configuration and parameter set for the product.

| | |
|---------------|---------|
| Product ID: | MC-540X |
| Internal No.: | 7014903 |

Prepared by: Anna Nowak | Approved by: Anna Nowak | Date: 2023-11-08

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|------------------|----------------------|--------------------|---------------|
| Unit Type | Hydraulic Power Unit | Operating Pressure | 180 bar |
| Throughput | 30 L/min | Voltage | 480 V / 60 Hz |
| Protection Class | IP54 | Reservoir Capacity | 160 L |
| Oil Type | HLP 46 | Total Weight | 230 kg |
| Battery Capacity | 2 Ah | Charging Time | 2 h |

Flag any missing parameters for urgent specification updates. Check that all section headers follow the product template. Ensure glossary terms match the engineering nomenclature. This closure note indicates the data sheet is ready for release. Data sheet has been peer-reviewed by the engineering team.

Material of Construction:

| | |
|--------------------|-----------------------|
| Label | Composition |
| Heat Sink ALU | Aluminum 6061-T6 |
| Bearing 6202 ZZ | Stainless Steel 304 |
| Gasket Sheet A4 | Nitrile Rubber (NBR) |
| Battery Pack | Lithium-Ion Cell Pack |
| Fuse 5A | Ceramic Oxide |
| Support Foot Steel | Stainless Steel 304 |
| Pressure Valve | Brass CZ121 |
| Nut M6 | Zinc-Plated Steel |
| O-Ring NBR 60mm | Nitrile Rubber (NBR) |