

Unit Configuration

Confirm that performance ranges comply with project requirements. Use this spec sheet to validate assembly instructions. All data entries are traceable to design revision history. Use this sheet to confirm engineering requirements and tolerances. This section details the configuration and parameter set for the product. The following information outlines performance characteristics and design data. Entries include both mechanical and electrical specifications.

Product ID:	VR-940T
Document No.:	PR-115

Prepared by: Peter Schmidt | Approved by: Carlos Garcia | Date: 2023-11-08

Model Type	Hydraulic Power Unit	Rated Pressure	210 bar
Flow Rate	30 L/min	Operating Voltage	480 V / 60 Hz
Total Weight	230 kg	Frame Material	Powder-coated Steel
Working Temp. Range	5°C to 45°C	Filtration	5 µm inline, 10 µm return
Oil Type	HLP 32		

Flag any missing parameters for urgent specification updates. Document control numbers are included for traceability. Material choices and process data have been verified for compliance. Confirm that all test conditions are accurately represented. Data sheet has been peer-reviewed by the engineering team. Ensure glossary terms match the engineering nomenclature. Check that all section headers follow the product template.

Material of Construction:

Subcomponent	Raw Material
Connector 2P	Glass-Filled Nylon
Battery Pack	Lithium-Ion Cell Pack
Gasket Sheet A4	Nitrile Rubber (NBR)
Graphite Pad	Graphite Pad
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Power Switch	Polycarbonate + Copper
Pressure Valve	Brass CZ121
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Digital Display Unit	ABS Plastic
Insulated Tube 25mm	Thermoplastic Polyurethane (TPU)
Heat Sink ALU	Aluminum 6061-T6