

Project:	SB-140D
Internal No.:	8279755
Prepared By:	Anna Nowak
Approved By:	Carlos Garcia

Location: Plant 2B | Date: 2025-06-14

Please review the specifications and material composition listed below. The following information outlines performance characteristics and design data. Use this spec sheet to validate assembly instructions. Entries include both mechanical and electrical specifications. Ensure all referenced standards are up to date. Check that all material specs align with supplier certifications.

Configuration Type	Hydraulic Power Unit	Rated Pressure	180 bar
Flow Rate	48 L/min	Supply Voltage	480 V / 60 Hz
Protection Class	IP67	Reservoir Capacity	80 L
Frame Material	Powder-coated Steel	Cooling	Air-cooled oil radiator
Oil Type	HLP 46	Battery Capacity	2 Ah
Filtration	5 µm inline, 10 µm return	Working Temp. Range	5°C to 45°C
Control Valve	Directional 4/3	Noise Level	≤ 72 dB(A)
Mounting	Rack frame	Motor Power	5.5 kW

Confirm that all test conditions are accurately represented. This closure note indicates the data sheet is ready for release. Document control numbers are included for traceability. Overall configuration is within defined design and safety margins.

Material of Construction:

Item	Raw Material
Thermal Fuse	Ceramic Oxide
Steel Sheet A36	Carbon Steel A36
Battery Pack	Lithium-Ion Cell Pack
Wiring Loom 1m	PVC (Rigid)
Support Foot Steel	Stainless Steel 304
Fuse 5A	Ceramic Oxide
Digital Display Unit	ABS Plastic
Cooling Gel Pack	Silicone Rubber
Teflon Tape Roll	Teflon Tape Roll
Pressure Valve	Brass CZ121
Gasket Sheet A4	Nitrile Rubber (NBR)
Rubber Gasket 80mm	Nitrile Rubber (NBR)