

Project:	WD-180S
Document No.:	5107605
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Approved By:	Jan Kowalski

Location: Plant 3A | Date: 2023-09-30

Use this spec sheet to validate assembly instructions. This section details the configuration and parameter set for the product. The parameter register below includes operating limits and ratings. Refer to this configuration summary for unit-designation mapping. The following information outlines performance characteristics and design data. This technical overview supports the product-release checklist.

Configuration Type	Pneumatic Control Unit	Operating Pressure	250 bar
Fluid Flow	30 L/min	Supply Voltage	480 V / 60 Hz
Protection Class	IP67	Filtration	5 µm inline, 10 µm return
Mounting	Rack frame	Oil Type	HLP 46
Frame Material	Aluminum Frame	Working Temp. Range	5°C to 45°C
Dimensions (LxWxH)	1000 x 650 x 1000 mm	Charging Time	4 h
Control Valve	Manual Override 3/2	Battery Capacity	2 Ah
Cooling	Water-cooled exchanger	Total Weight	230 kg

Confirm that all test conditions are accurately represented. All summary comments have been recorded in the revision log. This summary reflects the latest revision of the product data. Archive this summary for future design-change management. Use this summary to cross-check with BOM and inspection reports. Ensure that the listed materials are approved for the application.

Material of Construction:

Item	Raw Material
Support Foot Steel	Stainless Steel 304
Battery Pack	Lithium-Ion Cell Pack
Thermal Fuse	Ceramic Oxide
Graphite Pad	Graphite Pad
Rubber Gasket 80mm	Nitrile Rubber (NBR)
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Cooling Gel Pack	Silicone Rubber
Connector 2P	Glass-Filled Nylon