

Unit Data Specification

Project:	WD-180S
Document No.:	2158421
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Location: Plant 1C | Date: 2024-06-05

Confirm that performance ranges comply with project requirements. Refer to this configuration summary for unit-designation mapping. The parameter register below includes operating limits and ratings. This section details the configuration and parameter set for the product. Entries include both mechanical and electrical specifications.

Unit Type	Hydraulic Power Unit	Operating Pressure	180 bar
Fluid Flow	48 L/min	Supply Voltage	480 V / 60 Hz
Cooling	Water-cooled exchanger	Motor Power	7.5 kW
Filtration	10 µm return, 25 µm suction	Oil Type	HLP 32
Frame Material	Stainless Steel Frame	Protection Class	IP65
Working Temp. Range	10°C to 55°C	Battery Capacity	10 Ah
Pump Type	Piston Pump	Dimensions (LxWxH)	1000 x 650 x 1000 mm
Mounting	Rack frame	Charging Time	6 h
Noise Level	≤ 68 dB(A)	Service Interval	12 months
Total Weight	230 kg	Control Valve	Directional 4/3

Material of Construction:

Item	Raw Material
Pressure Valve	Brass CZ121
Battery Pack	Lithium-Ion Cell Pack
Wooden Pallet	Treated Pine Wood
Fuse 5A	Ceramic Oxide
Power Switch	Polycarbonate + Copper
Cooling Gel Pack	Silicone Rubber
Rubber Gasket 80mm	Nitrile Rubber (NBR)