

# Unit Data Specification

Please review the specifications and material composition listed below. The parameter register below includes operating limits and ratings. Check that all material specs align with supplier certifications. Use this sheet to confirm engineering requirements and tolerances. This data sheet provides key specifications and material details.

Product ID:	PW-515Y
Document No.:	6077000

Prepared by: Peter Schmidt | Approved by: Peter Schmidt | Date: 2023-10-22

Model Type	Hydraulic Power Unit	Design Pressure	180 bar
Throughput	60 L/min	Voltage	400 V / 50 Hz
Pump Type	Piston Pump	Total Weight	230 kg
Noise Level	≤ 68 dB(A)	Cooling	Air-cooled oil radiator

All specifications meet the design requirements and industry standards. Check that all section headers follow the product template. This closure note indicates the data sheet is ready for release. All summary comments have been recorded in the revision log. Material choices and process data have been verified for compliance. Flag any missing parameters for urgent specification updates.

## Material of Construction:

Label	Composition
Hinge Set	Stainless Steel 304
Power Switch	Polycarbonate + Copper
Teflon Tape Roll	Teflon Tape Roll
Wooden Pallet	Treated Pine Wood
Battery Pack	Lithium-Ion Cell Pack
Pressure Valve	Brass CZ121
LED Light Strip	Glass-Filled Nylon
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Thermal Fuse	Ceramic Oxide
Cable Tie Pack (100)	Nitrile Rubber (NBR)
Capacitor 450V	Aluminum 6061-T6