

Confirm that performance ranges comply with project requirements. Use this spec sheet to validate assembly instructions. Check that all material specs align with supplier certifications. This technical overview supports the product-release checklist. This data sheet provides key specifications and material details. Use this sheet to confirm engineering requirements and tolerances. This report extract is prepared for design-verification audits.

Product ID:	PW-515Y
Report No.:	PR-365

Prepared by: Peter Schmidt | Approved by: Carlos Garcia | Date: 2024-07-30

Model Type	Cooling Circulation System	Rated Pressure	300 bar
Fluid Flow	48 L/min	Voltage	480 V / 60 Hz
Control Valve	Manual Override 3/2	Reservoir Capacity	120 L
Frame Material	Aluminum Frame		

This closure note indicates the data sheet is ready for release. Document control numbers are included for traceability. This summary reflects the latest revision of the product data. All summary comments have been recorded in the revision log. Refer to parameter table for operating ranges and tolerances.

Material of Construction:

Subcomponent	Base
Pressure Valve	Brass CZ121
Connector 2P	Glass-Filled Nylon
O-Ring NBR 60mm	Nitrile Rubber (NBR)
Battery Pack	Lithium-Ion Cell Pack
Capacitor 450V	Aluminum 6061-T6
Hex Bolts M12	Zinc-Plated Steel
Fuse 5A	Ceramic Oxide
Graphite Pad	Graphite Pad
Heat Sink ALU	Aluminum 6061-T6
Wooden Pallet	Treated Pine Wood
Wiring Loom 1m	PVC (Rigid)
Power Switch	Polycarbonate + Copper