

Product Data Sheet

Project:	PW-515Y
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This report extract is prepared for design-verification audits. This section details the configuration and parameter set for the product. Confirm that performance ranges comply with project requirements. Refer to this configuration summary for unit-designation mapping. The following information outlines performance characteristics and design data. Below are the technical parameters and construction materials for the unit. The parameter register below includes operating limits and ratings.

Unit Type	Hydraulic Power Unit	Rated Pressure	300 bar
Throughput	48 L/min	Voltage	230 V / 50 Hz
Total Weight	180 kg	Charging Time	6 h
Control Valve	Manual Override 3/2	Battery Capacity	2 Ah
Frame Material	Stainless Steel Frame	Oil Type	HLP 46
Mounting	Skid base with vibration pads	Motor Power	7.5 kW
Protection Class	IP54	Working Temp. Range	-10°C to 50°C
Filtration	10 µm return, 25 µm suction	Reservoir Capacity	80 L
Pump Type	Vane Pump	Cooling	Air-cooled oil radiator

Material of Construction:

Item	Composition
Hex Bolts M12	Zinc-Plated Steel
Power Switch	Polycarbonate + Copper
Heat Sink ALU	Aluminum 6061-T6
Nut M6	Zinc-Plated Steel
Pressure Valve	Brass CZ121
Thermal Fuse	Ceramic Oxide
Battery Pack	Lithium-Ion Cell Pack
Rubber Gasket 80mm	Nitrile Rubber (NBR)
Capacitor 450V	Aluminum 6061-T6