

Unit Configuration

Project:	BZ-660F
Internal No.:	PR-476
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Approved By:	Laura Rossi

Location: Plant 1C | Date: 2023-12-07

Below are the technical parameters and construction materials for the unit. Check that all material specs align with supplier certifications. This data sheet provides key specifications and material details. Confirm that performance ranges comply with project requirements. This section details the configuration and parameter set for the product. Ensure all referenced standards are up to date. The parameter register below includes operating limits and ratings.

Configuration Type	Hydraulic Power Unit	Operating Pressure	300 bar
Throughput	30 L/min	Supply Voltage	230 V / 50 Hz
Cooling	Water-cooled exchanger	Service Interval	1000 h
Working Temp. Range	-10°C to 50°C	Oil Type	HLP 32
Charging Time	4 h	Frame Material	Stainless Steel Frame
Protection Class	IP65	Battery Capacity	5 Ah
Reservoir Capacity	160 L	Control Valve	Manual Override 3/2
Total Weight	180 kg	Noise Level	≤ 68 dB(A)
Filtration	10 µm return, 25 µm suction	Motor Power	5.5 kW

Material of Construction:

Item	Composition
Cooling Gel Pack	Silicone Rubber
Power Switch	Polycarbonate + Copper
Wooden Pallet	Treated Pine Wood
Hex Bolts M12	Zinc-Plated Steel
Graphite Pad	Graphite Pad
Support Foot Steel	Stainless Steel 304
Heat Sink ALU	Aluminum 6061-T6
Gasket Sheet A4	Nitrile Rubber (NBR)
Hinge Set	Stainless Steel 304