

## Component Overview

Confirm that performance ranges comply with project requirements. Use this spec sheet to validate assembly instructions. The following information outlines performance characteristics and design data. This section details the configuration and parameter set for the product. Use this sheet to confirm engineering requirements and tolerances. This data sheet provides key specifications and material details. Ensure all referenced standards are up to date.

|               |         |
|---------------|---------|
| Product ID:   | SB-140D |
| Document No.: | PR-560  |

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|                    |                            |                |                       |
|--------------------|----------------------------|----------------|-----------------------|
| Configuration Type | Cooling Circulation System | Rated Pressure | 250 bar               |
| Fluid Flow         | 48 L/min                   | Voltage        | 480 V / 60 Hz         |
| Battery Capacity   | 10 Ah                      | Charging Time  | 6 h                   |
| Control Valve      | Manual Override 3/2        | Frame Material | Stainless Steel Frame |
| Dimensions (LxWxH) | 1000 x 650 x 1000 mm       |                |                       |

Overall configuration is within defined design and safety margins. Refer to parameter table for operating ranges and tolerances. Ensure that the listed materials are approved for the application. Ensure glossary terms match the engineering nomenclature. Flag any missing parameters for urgent specification updates. This closure note indicates the data sheet is ready for release. Confirm that all test conditions are accurately represented.

Material of Construction:

|                     |                                  |
|---------------------|----------------------------------|
| Label               | Composition                      |
| Capacitor 450V      | Aluminum 6061-T6                 |
| Insulated Tube 25mm | Thermoplastic Polyurethane (TPU) |
| Power Switch        | Polycarbonate + Copper           |
| Teflon Tape Roll    | Teflon Tape Roll                 |
| Pressure Valve      | Brass CZ121                      |
| LED Light Strip     | Glass-Filled Nylon               |
| Fuse 5A             | Ceramic Oxide                    |
| Support Foot Steel  | Stainless Steel 304              |