

# **LBD Series**

### Load Break Disconnect Enclosures

## **Features & Specifications**

The Hubbell Load Break Disconnect Series of disconnect switch enclosures incorporate industry leading safety and design features, providing a superior solution for utility-level solar applications.

#### **Features**

- · Lab tested under full load
- Multiple snap latches provide secure latching with locking feature
- Gasketed flange O-ring to seal out moisture
- Interlocked rotary handle style operating mechanism with lockout provision as standard
- Adjustable mounting lugs allow for multiple mounting configurations (mounting bracket available as optional selection)
- Bottom Cable Gland location for VE+/VE- output feed to power inverter
- Surge Protective Device (SPD) offered as optional protection
- Breather Vent / Drain offered as optional weather protection
- · Optional safety shield covers all live components

#### **Materials**

- **Enclosure:** Non-Metallic FRP (Fiberglass Reinforced Polyester)
- Cover Latches: 316 Stainless Steel
- O-ring Gasket: Silicone
- Bus Bar: Copper (>99% Cu Purity) with Tin (Sn) Coating

#### **Electrical Rating**

- 1500VDC System Voltage
- Up to 600A Main Disconnect Switch
- Optional SPD: Type 1 (10kaic) or Type 2 (10kaic)

### **Certifications**

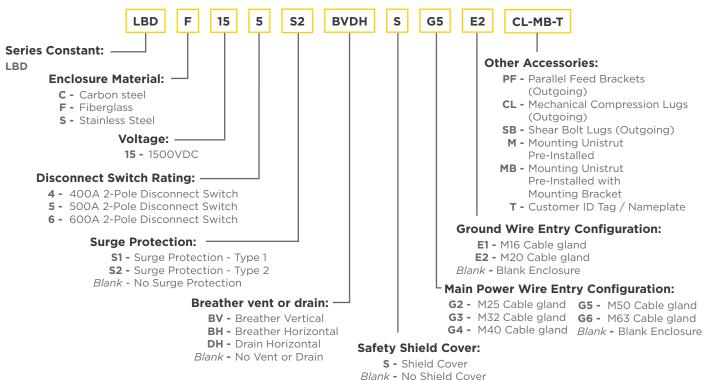
- UL Standard: UL1741
- Weather Rating: Type 3, 4, 4X
- Tamb: -40°C to 50°C







### **Catalog Number Matrix**



Note: Combined maximum circuit current (String Isc X 1.25 X number of circuits) - Cannot exceed the disconnect ampacity rating

