# **FUTURE NOW**

### **JUNCTION BOX – JBB**



#### **GENERAL INFORMATION**

Due to its original design, JBB solar junction boxes provides optimum filling material requirements and performs safe lid locking.

The JBB type are suitable for use in half cut and bifacial panels.

Trench chip technology provides high conductivity and low resistance, thereby minimizing energy loss.

Low potting amount provides cost advantage.

Easy assembly is ensured due to the guiding channels.

#### **FEATURES**

- ❖ 25A/30A
- UL 3730 Standard Complies
- Potting type
- Soldering type integrated ribbon contacts
- ❖ IEC 62790 Standard Complies
- IP 68 Protection Degree
- Cable crimping connection according to EN 60352-2 Standard
- Pool wall to accommodate potting filling process variability

- Staubli MC4 EVO2
   Ekinler PV-XT101.2
   QC Solar QC4.10
   Different brand connectors can also be used
- Ultrasonic plastic welding for a strong cable retention
- Silicone pathway and height nails provide safe adhesion to the backsheet
- Error-proof design in diode direction and body alignment
- Product traceability with QR Marking





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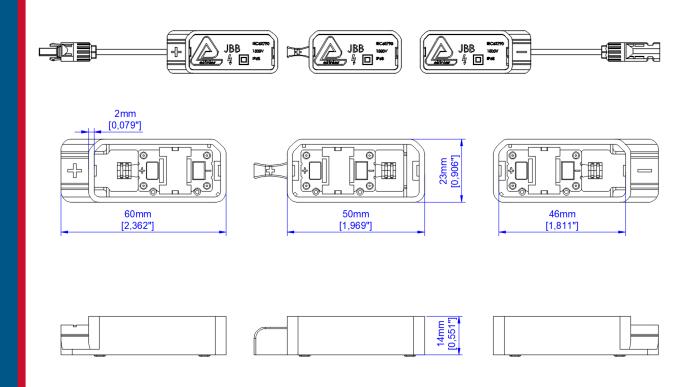
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## **JUNCTION BOX – JBB**

### **TECHNICAL DETAILS**

Rated Current	25A/30A
Rated Voltage	1500V
Degree Prodection	IP68
Ribbon Connection Method	Soldering
	-40°C to +85°C
Ambient Temperature Range	-40°F to 185°F
Flame Class	UL94 – V0
Body Material	PPO
	10AWG
Cable Size	12AWG
	3*6.5 ML
Glue Volume	3*~0.22 fl oz

### **DIMENSIONS (mm)**









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