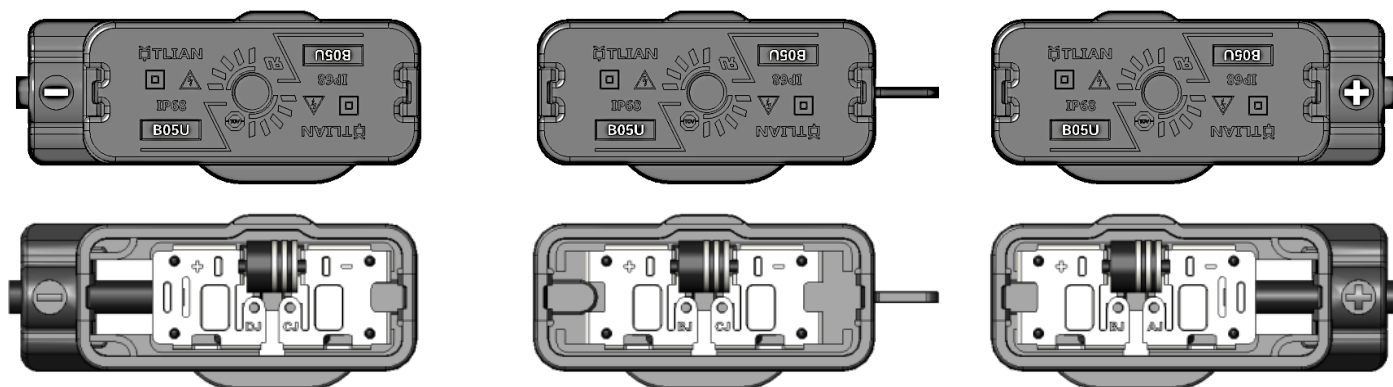


Overall Dimension



<L69.0mm*W30.2mm*H17.1mm> <L59.5mm*W30.2mm*H17.1mm> <L69.0mm*W30.2mm*H17.1mm>

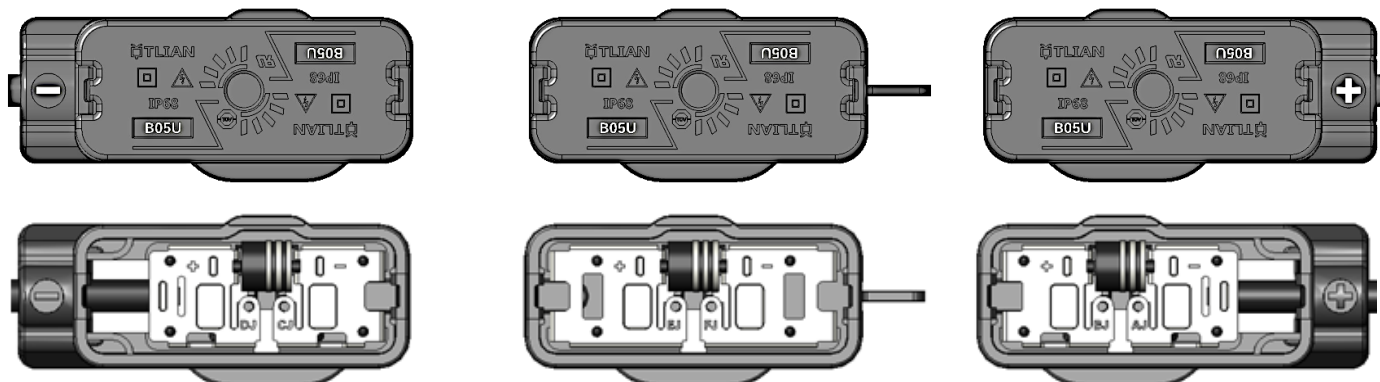
Basic Technical Data

Certificate	TUV	UL
Rated Voltage	1500V DC	1500V DC
Reverse current	48A	
Wire Size Range	4 mm ² & 6 mm ²	12AWG&10AWG
Pollution Degree	1	
Safety Class	Class II	
Insulation Material	Main Body & Lid : PPO	
Contact Material	Copper	
Connection Method	Resistance Welding	
Protection Degree	IP68	
Temperature Range	-40 to +85 °C	
Flame Resistance	UL94 V-0	
Watering roofing	Potting Sealant	
Weight of Potting Glue	Total: ≈33g	
Width of Copper Ribbons	Up to 7mm	
Optional Connector	T6, MC4, EVO2	

Product Family

Model	Rated Voltage	Rated Current	Diode Type	Wire Size
B05U(d4)	TUV 1500V DC	23A	TL3050TDY	4mm ² /12AWG & 6mm ² /10AWG
	UL 1500V DC	20A		

Overall Dimension



<L69.0mm*W30.2mm*H17.1mm> <L59.5mm*W30.2mm*H17.1mm> <L69.0mm*W30.2mm*H17.1mm>

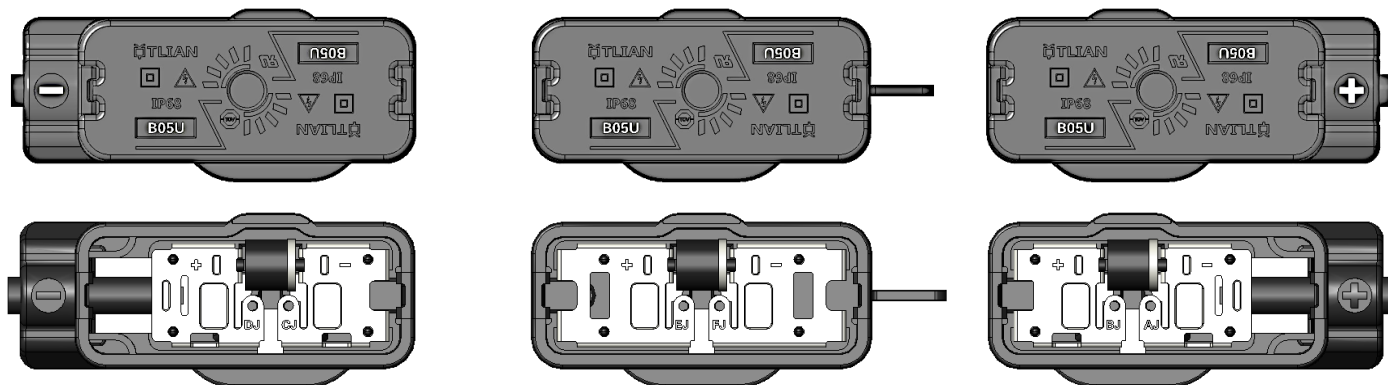
Basic Technical Data

Certificate	TUV	UL
Rated Voltage	1500V DC	1500V DC
Reverse current	48A	
Wire Size Range	4 mm ² & 6 mm ²	12AWG&10AWG
Pollution Degree	1	
Safety Class	Class II	
Insulation Material	Main Body & Lid : PPO	
Contact Material	Copper	
Connection Method	Resistance Welding	
Protection Degree	IP68	
Temperature Range	-40 to +85 °C	
Flame Resistance	UL94 V-0	
Watering roofing	Potting Sealant	
Weight of Potting Glue	Total: ≈33g	
Width of Copper Ribbons	Up to 7mm	
Optional Connector	T6, MC4, EVO2	

Product Family

Model	Rated Voltage	Rated Current	Diode Type	Wire Size
B05U(c4)	TUV 1500V DC & UL 1500V DC	25A	TL3050TDY	4mm ² /12AWG & 6mm ² /10AWG

Overall Dimension



<L69.0mm*W30.2mm*H17.1mm> <L59.5mm*W30.2mm*H17.1mm> <L69.0mm*W30.2mm*H17.1mm>

Basic Technical Data

Certificate	TUV	UL
Rated Voltage	1500V DC	1500V DC
Reverse current	48 A	
Wire Size Range	4mm ² /6mm ²	12AWG/10AWG
Pollution Degree	1	
Safety Class	Class II	
Insulation Material	Main Body & Lid : PPO	
Contact Material	Copper	
Connection Method	Resistance Welding	
Protection Degree	IP68	
Temperature Range	-40 to +85 °C	
Flame Resistance	UL94 V-0	
Watering roofing	Potting Sealant	
Weight of Potting Glue	Total: ≈33 g	
Width of Copper Ribbons	Up to 7mm	
Optional Connector	T6, MC4, EVO2	

Product Family

Model	Rated Voltage	Rated Current	Diode Type	Wire Size
B05U(b4)	TUV 1500V DC & UL 1500V DC	30A	TL3050TAYa	1x4mm ² &12AWG 1x6mm ² &10AWG