

# Copper / Aluminum / Flexible Busbar

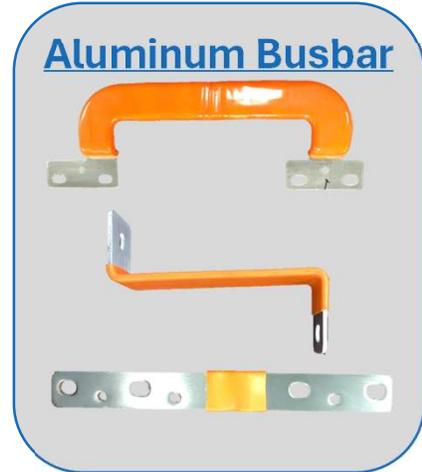
## Copper Busbar



Insulation Solutions	Thickness	Material	Withstand Voltage	Temperature resistance
Heat-Shrink	1.0-1.5mm	EVA	3500V	-55-125°C
		PE	1000V	125°C
PVC dipping	1.0-1.5mm	PVC	3500V	-40-125°C
Powder coating	0.4-0.8mm	Epoxy Resin	5000V	150°C

Insulation Solutions	Thickness	Material	Withstand Voltage	Temperature resistance
Heat-Shrink	1.0-1.5mm	EVA	3500V	-55-125°C
		PE	1000V	125°C
PVC dipping	1.0-1.5mm	PVC	3500V	-40-125°C
Powder coating	0.4-0.8mm	Epoxy Resin	5000V	150°C

## Aluminum Busbar



## Flexible Busbar



### DATASHEET

Items	Values
Conductivity (Cu)	≥57MS/m
Insulation Materials	PVC/PA12/PE
Material Certificate	RoHS
Flammability Rating	UL94V-0
Insulation Withstand Voltage	DC1500V/3000V
Busbar Materials	T2 Cu/A
Insulation Working Temperature	-40~125°C (PVC) 125°C/200°C (PA12/PE)



# Clad Busbar

## Cu/Al/Cu



	Copper busbar	Cu/Al/Cu busbar
Cost(Same design)	100%	<b>75%</b>
Electrical Conductivity (% IACS)	<b>100%</b>	75%
Electrical resistant(MΩ)	<b>0.036</b>	0.048
Weight	100%	<b>60%</b>
Weight(g)	41.03g	<b>22.64g</b>
Surface temperature	<b>100%</b>	120%
Tensile Strength (kgf/mm <sup>2</sup> )	<b>25.1</b>	16.27

### Material

Copper / Aluminum / Copper

