


Baoding Yitong PV Science & Technology Co.,Ltd  
保定易通光伏科技股份有限公司  
Product technical specification  
产品技术规格书

Black BusBar /黑色汇流带

Technical Data/技术参数

Item/项目名称	Performance Index/ 性能指标	Others/其他
Thickness Tolerance/厚度公差	±0.01mm	 <p>We can produce bus bars with different specifications and tin layers according to customer requirements. 可根据客户要求生产不同规格和锡层的汇流带。</p>
Width Tolerance/宽度公差	±0.05mm	
Copper Content Of Substrate/基材铜含量	≥99.95%	
Substrate Resistivity/基材电阻率	≤0.01724 Ω · mm <sup>2</sup> /m	
Solder brand/焊锡牌号	Sn60Pb40	
Fusion Point/熔化温度	189℃	
Welding surface coating/焊接面涂层	20±5um	
Black coating material/黑色涂层材质	Fluorocarbon paint/氟碳漆	
Black coating thickness/黑色涂层厚度	10-15 μ m	
Elongation/延伸率	≥30%	
Tensile Strength/抗拉强度	200~240MPa	
Sickle Bending/镰刀弯曲度	≤0.3%	
Tabbing Ribbon Resistivity/汇流带电阻率	≤0.023 Ω · mm <sup>2</sup> /m	
Storage Temperature/储存温度	5-35℃	
Storage relative humidity/储存相对湿度	≤60%	
Warranty Period/保质期	6 months	
Spool/工字轮	Φ 152-122-Φ 20(Φ 16) mm -6kg	

- 1、The products shall be loaded and unloaded with care during transportation to prevent collision, scratch and pollution, and shockproof measures shall be taken/产品在运输过程中应轻装轻卸，防止碰撞、擦伤和污染，并采取防震措施；
- 2、The bus bar shall not be directly exposed to the air for a long time, and shall be stored in a ventilated and dry warehouse or room; When in use, remove the winding film or vacuum bag, and wrap it with winding film in time/避免汇流带长时间直接暴露在空气中，应存放在通风、干燥的仓库或室内；使用时再去掉缠绕膜或真空袋，停用及时用缠绕膜包裹好；
- 3、During the handling and use of reel packaging products, do not place or take them vertically, and keep the shaft hole in the horizontal direction/卷轴包装产品在搬运及使用过程中请勿竖直放置、竖直拿取，应保持轴孔处于水平方向；
- 4、It is strictly prohibited to mix with volatile corrosive goods or sharp and hard goods. No mechanical damage shall be ensured, and the "direction mark" of the packing box shall be consistent with the actual transportation direction/严禁与挥发腐蚀性物品或尖锐品混装、混运，应确保无机械损伤，包装箱“方向标识”与实际运输方向一致。