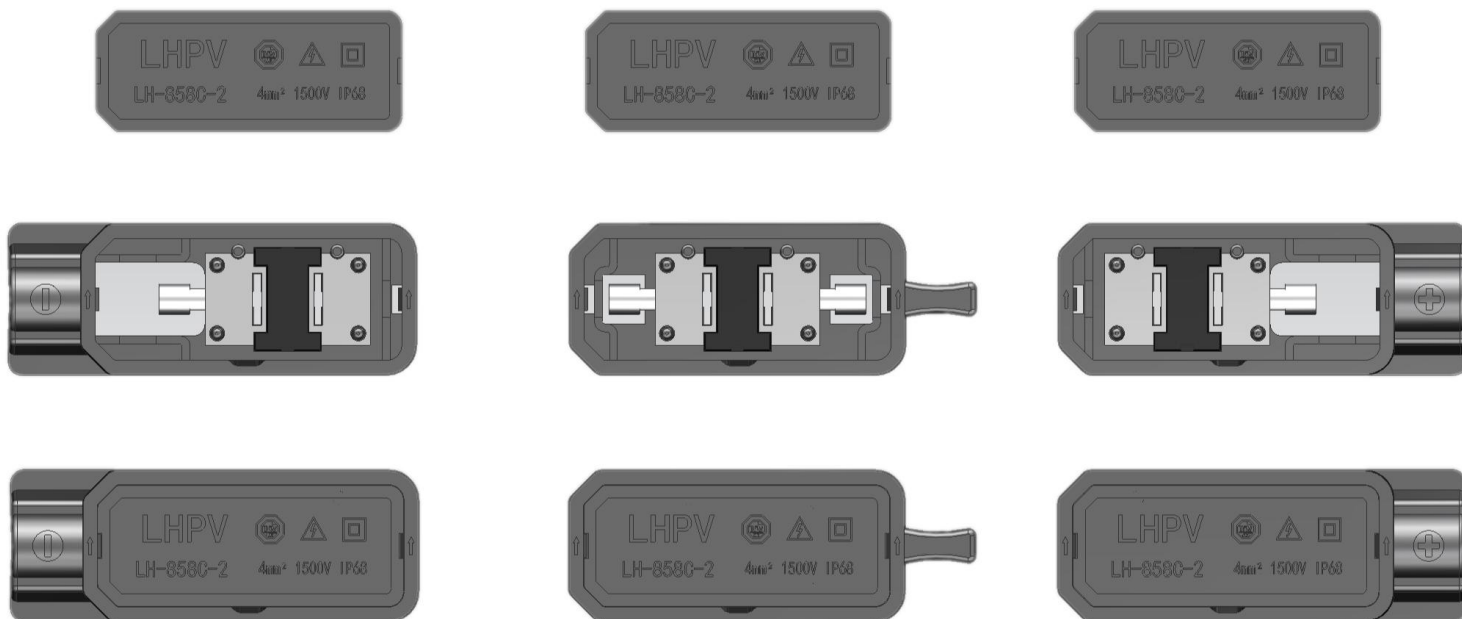




## 产品规格 (Product specifications)

### 1.型号(Type): LH-858C-2

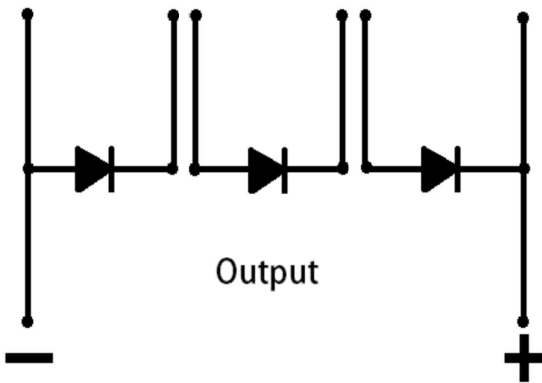


### 2.主要特性: (Main characteristic)

- 接线盒采用全灌胶进行密封，防水等级高，内部二极管散热效果好。  
The junction box uses the glue to seal, the waterproof effect is better, the fitting interior heat is better.
- 此款接线盒为三分体设计，电缆采用水平出线方式，客户布线时可以减少电缆弯曲应力，也可以节省电缆使用量，降低组件功率的损耗，同时将“热斑效应”的影响一分为三，降低了高温对光伏组件的影响。  
This junction box is a three-part design, and the cable adopts horizontal outlet mode, which can reduce the cable bending stress, save the cable usage, reduce the power loss of PV module, and divide the influence of "hot spot effect" into three parts. The influence of high temperature on photovoltaic modules is reduced.
- 二极管和端子采用一体封装方式，金属端子采用紫铜镀锡，端子厚度厚。此种结构设计可以有效的降低二极管表面的温度，确保光伏组件高功率、高电流输出，降低温度对功率的影响，为大功率光伏组件提供很好的解决方案。  
The diode and the terminal adopt an integrated packaging mode, and the terminal uses red copper tinned material, and the terminal is thick. This structure design can effectively reduce the temperature on the surface of the diode, ensure the high power and high current output of the PV module, reduce the influence of temperature on the power, and provide a good solution for the high power photovoltaic module.



### 3. 主要技术参数 (Main technical parameters)

型号 Type: LH-858C-2				
绝缘材料 Insulation material: PP0				
连接方式 Connection method: 焊接 soldering				
额定电压 Rated voltage: 1500V DC				
核定电流 Rated current: ≤30A				
安全等级 Safe class: Class II				
温度范围 Temperature range: - 40℃ ~ +85℃				
电缆截面积 Section area of cable: 1*4mm²				
线缆直径 Diameter of cable: 6.1±0.1mm				
保护等级 Degree of protection: IP68				
防水结构 Waterproofing structure: 灌封胶 Potting sealant （AB glue）				
接触材料 Contact material: 紫铜镀锡 Red Copper Tin Plated				
阻燃等级 Flame class: UL94-V0				
认证 Certification: 南德 TUV （TUV SUD）				
端子链接方式（Termination and connection）				
1、电缆和内部端子采用机械铆接方式 （The cable and internal terminals using mechanical riveting method）				
2、二极管和金属端子连接采用模块一体封装方式 （Diodes and metal terminals are connected by integrated module packaging）				
3、焊带与内部金属端子采用焊接方式 （The copper ribbon bands and metal terminal are connected by soldering method）				
二极管数量及连接器方式 Diode number and connection mode				
二极管型号 Diode model	核定电流 Rated current	核定电压 Rated voltage	数量 Number	连接方式 Connection mode
GF5045	25A	45V	3	
GF6045	30A	45V	3	
装备不同规格的二极管会改变接线盒的最大工作电流。 The rated current will be changed when the box is fixed with different types of diode.				



#### 4. 产品尺寸图 (Size of product graphs) :

