



# Suzhou UKT New Energy Technology CO.,LTD.

## SPECIFICATION OF Reliable-Box

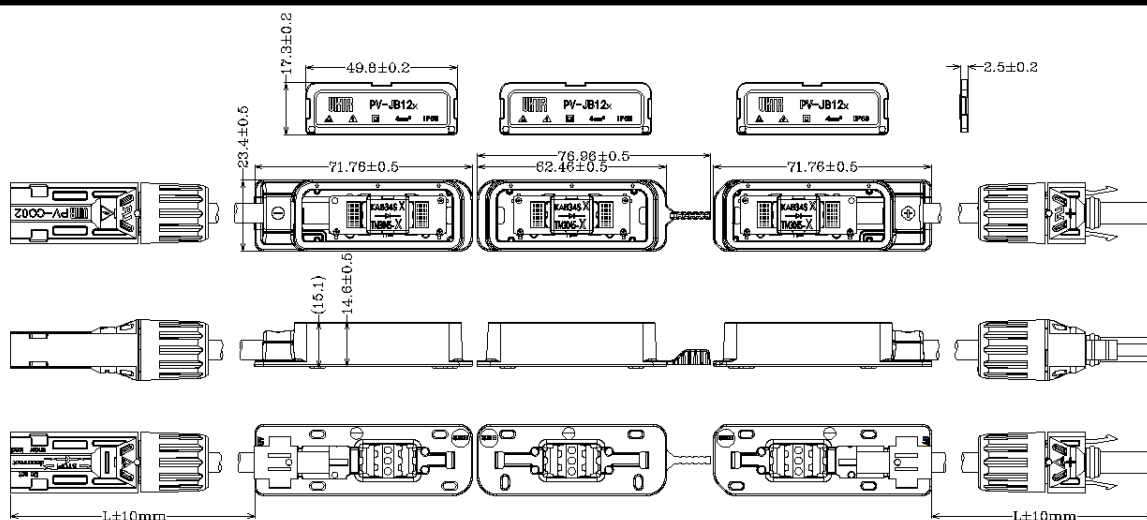
### PV-JB12x series

|                |                       |
|----------------|-----------------------|
| Our Part No.厂内 | Customer Part No.客户料号 |
|                |                       |

APPROVED BY 核准人:

Please return one copy with your signature if you can approve.

|             |            |                |
|-------------|------------|----------------|
| APPROVED 批准 | CHECKED 审核 | ENGINEERING 制定 |
|             |            |                |



### 主要技术参数 Main Technical Parameters

|                             |   |
|-----------------------------|---|
| 产品型号 Product Model          | PV-JB12x(x=A, N1, A-25 or S1)   |
| 额定电压 Rated Voltage          | 1500V DC  |
| 脉冲耐压 Rated Impulse Voltage  | 16KV  |
| 最大工作电压 Max. Working Voltage | 100V  |
| 额定电流 Rated Current          | JB12x(x=A): 18A                      JB12x(x=N1): 20A<br>JB12x(x=A-25): 25A                      JB12x(x=S1): 30A |
| 整体电阻 Internal Resistance    | ≤(total cable length * 5 + 5) mΩ  |
| 使用温度 Ambient Temperature    | -40°C~85°C  |
| 二极管型号 Diode Type            | JB12x(x=A): UKTH3045-12      JB12x(x=N1): TM3045-20<br>JB12x(x=A-25): TM3045-25      JB12x(x=S1): TM3045-30       |
| 防污染等级 Pollution Degree      | 1   |
| 安全等级 Protection Level       | Class II  |
| 防护等级 Degree of Protection   | IP68  |
| 线缆规格 Cable Specifications   | 4mm <sup>2</sup> , EN 50618 or IEC 62930 and/or 12 AWG, UL 4703   |
| 导体材料 Conductor Material     | Copper  |
| 连接器规格 Connector             | Optional: PV-CO02, MC4, MC4-Evo2, PV4-S; others available upon request  |
| 外形尺寸 Dimensions             | (+), (-) box: 71.76mm*23.4mm*15.1mm<br>Center box: 76.96mm*23.4mm*15.1mm  |
| 灌胶量 Potting volume          | Recommended: 6ml per box, 18ml total  |