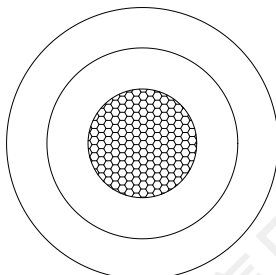


**玖开特种线缆（上海）有限公司**  
**Jiukai Special Cable (Shanghai) Co., Ltd**  
**技术规格书**

|                                                                                                                        |                                                                                                                      |                                                                                                                         |                                |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------|
| Standard<br>标准                                                                                                         |                                                                                                                      | Sheet NO/编号                                                                                                             | S231030024                     |
| 2PfG 2642                                                                                                              |                                                                                                                      | <div>Construction Figure/截面图:</div>  |                                |
| Construction<br>规格型号                                                                                                   |                                                                                                                      |                                                                                                                         |                                |
| PV1500DC-AL-K 1×25mm <sup>2</sup>                                                                                      |                                                                                                                      |                                                                                                                         |                                |
| product usage<br>产品用途                                                                                                  |                                                                                                                      |                                                                                                                         |                                |
| Irradiated cross-linked halogen-free low-smoke polyolefin insulation and sheathed photovoltaic power generation system |                                                                                                                      |                                                                                                                         |                                |
| cable construction<br>电缆结构                                                                                             |                                                                                                                      |                                                                                                                         |                                |
| Conductor<br>导体                                                                                                        | Construction Item/规格 mm <sup>2</sup>                                                                                 | 25mm <sup>2</sup>                                                                                                       |                                |
|                                                                                                                        | Construction/构造 mm                                                                                                   | 199/0.4±0.008                                                                                                           |                                |
|                                                                                                                        | Material/材质                                                                                                          | Aluminium alloy                                                                                                         |                                |
|                                                                                                                        | O.D/绞合外径 mm                                                                                                          | 7.36                                                                                                                    |                                |
| Insulation<br>绝缘                                                                                                       | Material/材质                                                                                                          | XLPO                                                                                                                    |                                |
|                                                                                                                        | Avg.Thick/标准厚度 mm                                                                                                    | 1.0                                                                                                                     |                                |
|                                                                                                                        | Min.Thick最小厚度 mm                                                                                                     | 0.80                                                                                                                    |                                |
|                                                                                                                        | O.D/线径 mm                                                                                                            | 9.3±0.3                                                                                                                 |                                |
|                                                                                                                        | Color/颜色                                                                                                             | Black                                                                                                                   |                                |
| Jacket<br>护套                                                                                                           | Material/材质                                                                                                          | XLPO                                                                                                                    |                                |
|                                                                                                                        | Avg.Thick/标准厚度 mm                                                                                                    | 1.0                                                                                                                     |                                |
|                                                                                                                        | Min.Thick最小厚度 mm                                                                                                     | 0.75                                                                                                                    |                                |
|                                                                                                                        | O.D/线径 mm                                                                                                            | 11.3±0.4                                                                                                                |                                |
|                                                                                                                        | Color/颜色                                                                                                             | Black                                                                                                                   |                                |
| Marking<br>印字                                                                                                          | △ TÜV PV1500DC-AL-K 1×25mm <sup>2</sup> 120°C HALOGEN FREE LOW SMOKE DC1500V Jiukai Special Cable (Shanghai) Co.,Ltd |                                                                                                                         |                                |
| Electric Characters<br>电气性能                                                                                            |                                                                                                                      |                                                                                                                         |                                |
| Voltage rating<br>额定电压 V                                                                                               | 1500DC                                                                                                               | Conductor resistance<br>导体电阻 ΩKM Max at20°C                                                                             | 1.2                            |
| Test voltage of finished cable<br>成品电缆测试电压 V                                                                           | 6500                                                                                                                 |                                                                                                                         |                                |
| Physical Properties<br>物理性能                                                                                            |                                                                                                                      |                                                                                                                         |                                |
| Elongation of unaged values<br>老化前伸长率 %                                                                                | ≥125                                                                                                                 | bending radius<br>弯曲半径                                                                                                  | ≥6D                            |
| Tensile strength of unaged values<br>老化前抗张强度 N/mm <sup>2</sup>                                                         | ≥6.5                                                                                                                 | Temperature rating<br>温度等级 °C                                                                                           | -40~90                         |
| APPROVED<br>批准                                                                                                         | CHECKED<br>审查                                                                                                        | DESIGNED<br>编制                                                                                                          | APPROVED BY THE CLIENT<br>客户认可 |
| 赵亮亮                                                                                                                    | /                                                                                                                    | 王宗豪                                                                                                                     |                                |