



## 储能系列 Energy storage series

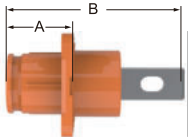
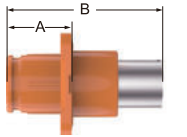
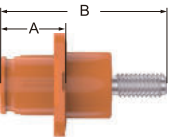
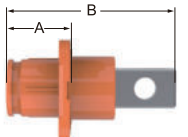
## 储能连接器

储能连接器多种规格, 电流涵盖50-350A。安装方式包含可旋转和不可旋转两种。广泛应用在新能源光伏、工业储能、储能器、电动汽车、电动摩托车、过程控制、自动化、重型设备、机等领域。

Energy storage connectors come in various specifications, with currents ranging from 50 to 350A. The installation methods include both rotatable and non-rotatable types. It is widely applied in fields such as new energy photovoltaic, industrial energy storage, energy storage devices, electric vehicles, electric motorcycles, process control, automation, heavy equipment, and machinery.

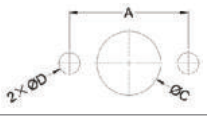
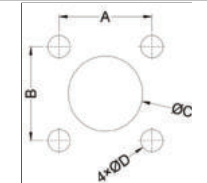
- 产品设计提高了电缆连接器的整体质量
- 密封圈不会丢失或被安装者遗忘
- 便于作业人员快速简单的布线
- 可以随时重新检查连接情况
- 通过权威TUV/CE/UL/SAA/COC认证产品
- Product design has enhanced the overall quality of cable connectors
- The sealing ring will not be lost or forgotten by the installer
- It is convenient for the workers to lay wires quickly and simply
- The connection status can be rechecked at any time
- Products certified by authoritative TUV/CE/CUL/SAA/COC

| 技术数据        |              |              |              |              |      |
|-------------|--------------|--------------|--------------|--------------|------|
| 插头类型        | E50          |              | E70          | E100         | E120 |
| 接线数量        | 1            |              |              |              |      |
| 插入力         | 80N MAX      |              |              |              |      |
| 拔出力         | <80N         |              |              |              |      |
| 额定电压        | 1500V DC     |              |              |              |      |
| 额定电流        | 50A          | 70A          | 100A         | 120A         |      |
| 接触电阻        | ≤1mΩ         |              |              |              |      |
| 绝缘电阻        | 500V, ≥500MΩ |              |              |              |      |
| 颜色          | 橙色/黑色/红色     |              |              |              |      |
| 接触件材料       | 紫铜T2/铍铜 镀银/锡 |              |              |              |      |
| 绝缘材料        | PA66+GF      |              |              |              |      |
| 夹线胶圈材料      | 硅胶 (黑色)      | 硅胶 (蓝色)      | 硅胶 (黑色)      | 硅胶 (蓝色)      |      |
| O型圈材料       | 硅胶 (红色)      |              |              |              |      |
| 插拔次数        | 500          |              |              |              |      |
| 电缆外径        | 5.2-6.3mm    | 6.2-7.3mm    | 6.5-8.5mm    | 8.5-10.5mm   |      |
| 电缆截面积       | 10AWG (6mm²) | 8AWG (10mm²) | 6AWG (16mm²) | 4AWG (25mm²) |      |
| 电缆剥线长度      | 10-12mm      |              |              | 12-14mm      |      |
| 接线方式        | 压接           |              |              |              |      |
| 防护等级（对插）    | IP67         |              |              |              |      |
| 环境温度（运行）    | -40℃~-+125℃  |              |              |              |      |
| 环境温度（存储/运输） | -40℃~-+80℃   |              |              |              |      |
| 无卤素         | 符合           |              |              |              |      |
| 阻燃等级，符号UL94 | V-0          |              |              |              |      |

| 插座尺寸 (REF)     |                                                                                     |                    |                                                                                     |                    |                                                                                      |                    |                                                                                       |                    |
|----------------|-------------------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------|--------------------|--------------------------------------------------------------------------------------|--------------------|---------------------------------------------------------------------------------------|--------------------|
| 类别             | 光孔铜排式                                                                               |                    | 压接式                                                                                 |                    | 螺柱式                                                                                  |                    | 螺孔铜排式                                                                                 |                    |
| 尺寸             |  |                    |  |                    |  |                    |  |                    |
|                | A                                                                                   | B                  | A                                                                                   | B                  | A                                                                                    | B                  | A                                                                                     | B                  |
| 50A/70A        | 16.3                                                                                | 48.6               | 16.3                                                                                | 43.6               | 16.3                                                                                 | 41.6               | 16.3                                                                                  | 48.6               |
| 100A/120A      | 20.9                                                                                | 56.9               | 20.9                                                                                | 55.9               | 20.9                                                                                 | 51.2               | 20.9                                                                                  | 56.9               |
| 150A/200A/250A | 22.1                                                                                | 63.5               | 22.1                                                                                | 63.5               | 22.1                                                                                 | 61.2               | 22.1                                                                                  | 63.5               |
| 300A/350A      | 正极: 29<br>负极: 30.5                                                                  | 正极: 81<br>负极: 82.5 | 正极: 29<br>负极: 30.5                                                                  | 正极: 81<br>负极: 82.5 | 正极: 29<br>负极: 30.5                                                                   | 正极: 75<br>负极: 76.5 | 正极: 29<br>负极: 30.5                                                                    | 正极: 81<br>负极: 82.5 |

| 插头尺寸 (REF)     |                                                                                      |      |      |                   |
|----------------|--------------------------------------------------------------------------------------|------|------|-------------------|
| 类别             | 压接式                                                                                  |      |      |                   |
| 尺寸             |  |      |      |                   |
|                | A                                                                                    | B    | C    | D                 |
| 50A/70A        | 21                                                                                   | 50.5 | 25   | 17                |
| 100A/120A      | 26.7                                                                                 | 69.3 | 32.7 | 19.3              |
| 150A/200A/250A | 32.8                                                                                 | 86   | 40.6 | 正极: 24.1/负极: 24.3 |
| 300A/350A      | 40.5                                                                                 | 113  | 54.3 | 31.9              |

| 技术数据         |                |                |                |                 |
|--------------|----------------|----------------|----------------|-----------------|
| E150         | E200           | E250           | E300           | E350            |
| 1            |                |                |                |                 |
| 100N MAX     |                |                |                |                 |
| <80N         |                |                |                |                 |
| 1500V DC     |                |                |                |                 |
| 150A         | 200A           | 250A           | 300A           | 350A            |
| ≤1mΩ         |                |                |                |                 |
| 500V, ≥500MΩ |                |                |                |                 |
| 橙色/黑色/红色     |                |                |                |                 |
| 紫铜T2/铍铜 镀银/锡 |                |                |                |                 |
| PA66+GF      |                |                |                |                 |
| 硅胶 (黑色)      | 硅胶 (黑色)        | 硅胶 (黑色)        | 硅胶 (灰色)        | 硅胶 (蓝色)         |
| 硅胶 (红色)      |                |                |                |                 |
| 100          |                |                |                |                 |
| 13mm         | 14mm           | 15mm           | 17.5mm         | 20mm            |
| 2AWG (35mm²) | 1/0AWG (50mm²) | 2/0AWG (70mm²) | 3/0AWG (95mm²) | 4/0AWG (120mm²) |
| 17mm         |                |                | 19mm           |                 |
| 压接           |                |                |                |                 |
| IP67         |                |                |                |                 |
| -40°C~+125°C |                |                |                |                 |
| -40°C~+80°C  |                |                |                |                 |
| 符合           |                |                |                |                 |
| V-0          |                |                |                |                 |

| 面板安装尺寸         |          |   |                                      |          |                         |                         |                       |                                                                                       |
|----------------|----------|---|--------------------------------------|----------|-------------------------|-------------------------|-----------------------|---------------------------------------------------------------------------------------|
| 电流             | A        | B | φC                                   | D        | 面板安装<br>扭矩              | 铜排锁螺丝<br>扭矩             | 螺纹连接<br>扭矩            | 图示                                                                                    |
| 50A/70A        | 24±0.1   | / | 12.9±0.1                             | M4 Screw | 0.4-0.7N.m              | M4 bolts:<br>1.2-1.5N.m | M4 Nut:<br>1.2-1.5N.m |  |
| 100A/120A      | 18±0.1   |   | 14.5±0.1                             |          | M4 bolts:<br>0.4-0.7N.m | M5 bolts:<br>2N.m max   | M6 Nut:<br>2N.m max   |  |
| 150A/200A/250A | 23±0.1   |   | 23.0 <sup>+0.2</sup> <sub>-0.0</sub> |          |                         |                         | M8 Nut:<br>8N.m max   |                                                                                       |
| 300A/350A      | 24.5±0.1 |   | 22.5 <sup>+0.2</sup> <sub>-0.0</sub> |          |                         | M8 bolts:<br>8N.m max   |                       |                                                                                       |

| 插座铜针规格 |                        |           |           |           |
|--------|------------------------|-----------|-----------|-----------|
| 产品描述   | 3.6mm                  | 5.8mm     | 9.6mm     | 12.4mm    |
| 额定电流   | 50A-70A                | 100A-120A | 150A-250A | 300A-350A |
| 工作温度   | -40°C~+125°C（1500V DC） |           |           |           |
| 防水等级   | IP67（对插）               |           |           |           |
| 防火等级   | UL94 V-0               |           |           |           |
| 锁扣     | 弹簧锁扣                   |           |           |           |
| 符合RoHS | 符合                     |           |           |           |
| 插拔寿命   | ≥100次                  |           |           |           |

|          |                                               |
|----------|-----------------------------------------------|
| 插座类型     | EW-50A/70A/100A/120A/150A/200A/250A/300A/350A |
| 接线方式     | 铜排、压接、螺钉、铜排/螺钉                                |
| 安装螺母紧固扭矩 | M4/0.4-0.7N.m                                 |
| 防水垫片材料   | 硅胶（透明）                                        |