



# **ENERGY STORAGE**

# **PRODUCT**

# CATALOGUE



储能产品索引

ENERGY STORAGE

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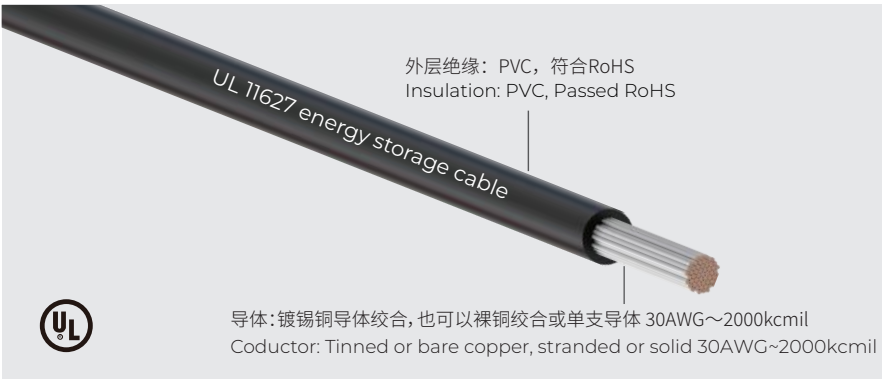
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UL 11627



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistance
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

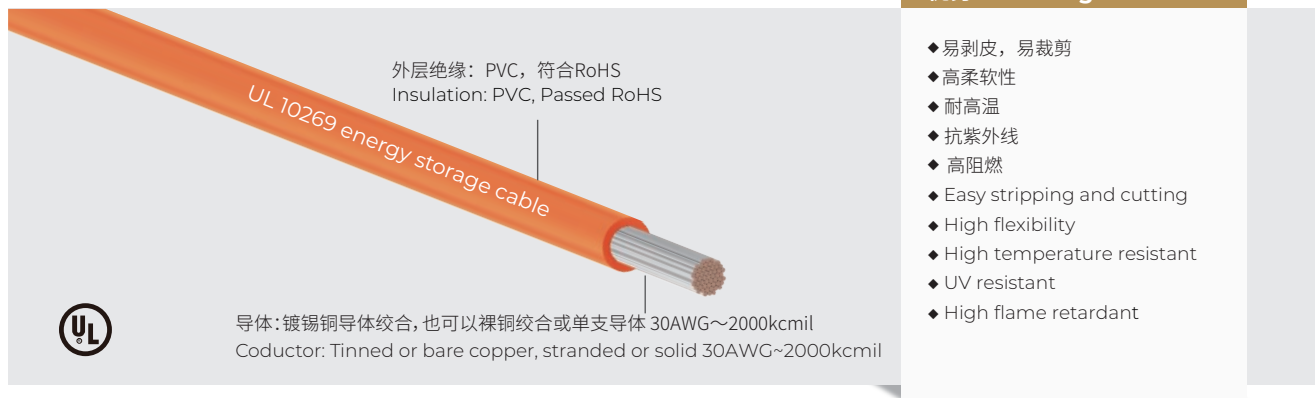
|                        |                    |                   |                                       |
|------------------------|--------------------|-------------------|---------------------------------------|
| 额定温度 Rated Temperature | 105°C              | 执行标准 According To | UL758, UL1581                         |
| 额定电压 Rated Voltage     | 2000Vac or 2000Vdc | 阻燃测试 Flame Test   | Horizontal flame<br>UL VW-1 & CSA FT1 |

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 2.2                        | 94.2                                                  |
| 22                             | 0.76                                     | 2.4                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.6                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.8                        | 23.2                                                  |
| 16                             | 0.76                                     | 3.1                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.5                        | 8.96                                                  |
| 12                             | 0.76                                     | 4.0                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.7                        | 3.54                                                  |
| 9                              | 0.76                                     | 5.4                        | 2.81                                                  |
| 8                              | 1.14                                     | 6.6                        | 2.23                                                  |
| 7                              | 1.14                                     | 7.1                        | 1.768                                                 |
| 6                              | 1.52                                     | 8.5                        | 1.403                                                 |
| 5                              | 1.52                                     | 9.1                        | 1.113                                                 |
| 4                              | 1.52                                     | 9.9                        | 0.882                                                 |
| 3                              | 1.52                                     | 10.8                       | 0.6996                                                |
| 2                              | 1.52                                     | 11.7                       | 0.5548                                                |
| 1                              | 2.03                                     | 14.0                       | 0.4398                                                |
| 1/0                            | 2.03                                     | 15.1                       | 0.3487                                                |
| 2/0                            | 2.03                                     | 16.5                       | 0.2766                                                |
| 3/0                            | 2.03                                     | 17.6                       | 0.2194                                                |
| 4/0                            | 2.03                                     | 19.3                       | 0.1722                                                |

## UL 10269



### 优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

## 特性 Characteristics

**额定温度 Rated Temperature** 80°C, 90°C, 105°C  
**额定电压 Rated Voltage** 1000Vac or 1250Vdc

**执行标准 According To** UL758, UL1581  
**阻燃测试 Flame Test** Horizontal flame  
 UL VW-1 & CSA FT1

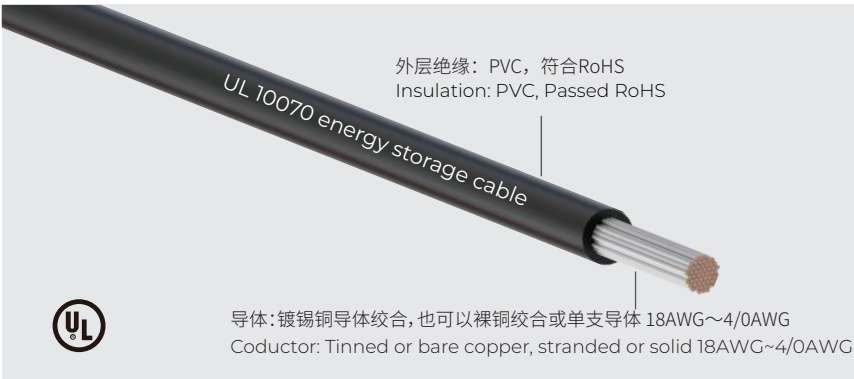
## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 2.2                        | 94.2                                                  |
| 22                             | 0.76                                     | 2.4                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.6                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.8                        | 23.2                                                  |
| 16                             | 0.76                                     | 3.1                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.5                        | 8.96                                                  |
| 12                             | 0.76                                     | 4.0                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.7                        | 3.54                                                  |
| 9                              | 0.76                                     | 5.4                        | 2.81                                                  |
| 8                              | 1.14                                     | 6.6                        | 2.23                                                  |
| 7                              | 1.14                                     | 7.1                        | 1.768                                                 |
| 6                              | 1.52                                     | 8.5                        | 1.403                                                 |
| 5                              | 1.52                                     | 9.1                        | 1.113                                                 |
| 4                              | 1.52                                     | 9.9                        | 0.882                                                 |
| 3                              | 1.52                                     | 10.8                       | 0.6996                                                |
| 2                              | 1.52                                     | 11.7                       | 0.5548                                                |
| 1                              | 2.03                                     | 14.0                       | 0.4398                                                |
| 1/0                            | 2.03                                     | 15.1                       | 0.3487                                                |
| 2/0                            | 2.03                                     | 16.5                       | 0.2766                                                |
| 3/0                            | 2.03                                     | 17.6                       | 0.2194                                                |
| 4/0                            | 2.03                                     | 19.3                       | 0.1722                                                |

# UL 10070



## 优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

## 特性 Characteristics

额定温度 Rated Temperature 105°C  
 额定电压 Rated Voltage 600Vac

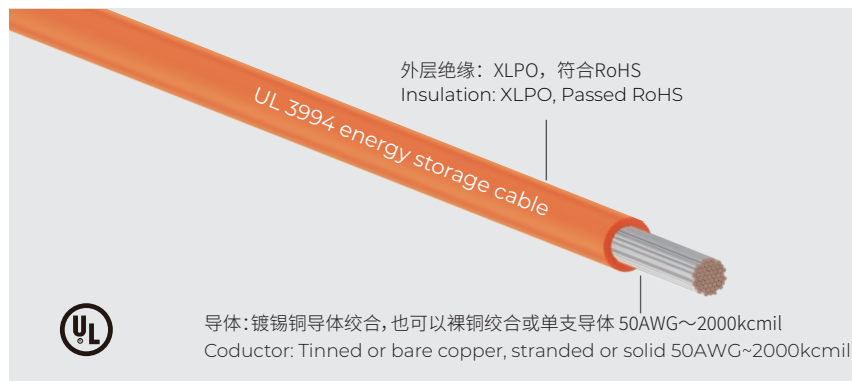
执行标准 According To UL758, UL1581  
 阻燃测试 Flame Test Horizontal flame  
 UL VW-1 & CSA FT1

## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
 Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 18                             | 0.76                                     | 2.8                        | 23.2                                                  |
| 16                             | 0.76                                     | 3.1                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.5                        | 8.96                                                  |
| 12                             | 0.76                                     | 4.0                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.9                        | 3.54                                                  |
| 9                              | 0.76                                     | 5.3                        | 2.81                                                  |
| 8                              | 1.14                                     | 6.5                        | 2.23                                                  |
| 7                              | 1.14                                     | 7.0                        | 1.768                                                 |
| 6                              | 1.52                                     | 8.3                        | 1.403                                                 |
| 5                              | 1.52                                     | 8.9                        | 1.113                                                 |
| 4                              | 1.52                                     | 9.7                        | 0.882                                                 |
| 3                              | 1.52                                     | 10.5                       | 0.6996                                                |
| 2                              | 1.52                                     | 11.6                       | 0.5548                                                |
| 1                              | 2.03                                     | 13.4                       | 0.4398                                                |
| 1/0                            | 2.03                                     | 14.6                       | 0.3487                                                |
| 2/0                            | 2.03                                     | 16.0                       | 0.2766                                                |
| 3/0                            | 2.03                                     | 17.4                       | 0.2194                                                |
| 4/0                            | 2.03                                     | 19.0                       | 0.1722                                                |

## UL 3994



### 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

## 特性 Characteristics

**额定温度 Rated Temperature** -40°C~ +105°C  
**额定电压 Rated Voltage** 2000Vac

**执行标准 According To** UL758, UL1581  
**阻燃测试 Flame Test** Horizontal flame  
 UL FT2

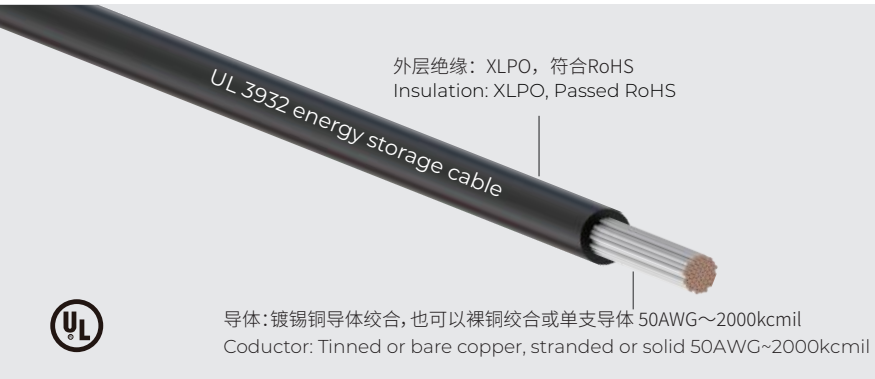
## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 2.2                        | 94.2                                                  |
| 22                             | 0.76                                     | 2.4                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.6                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.8                        | 23.2                                                  |
| 16                             | 0.76                                     | 3.1                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.5                        | 8.96                                                  |
| 12                             | 0.76                                     | 4.0                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.9                        | 3.54                                                  |
| 9                              | 0.76                                     | 5.3                        | 2.81                                                  |
| 8                              | 1.15                                     | 6.5                        | 2.23                                                  |
| 7                              | 1.15                                     | 7.0                        | 1.768                                                 |
| 6                              | 1.15                                     | 7.6                        | 1.403                                                 |
| 5                              | 1.15                                     | 8.2                        | 1.113                                                 |
| 4                              | 1.15                                     | 9.0                        | 0.882                                                 |
| 3                              | 1.15                                     | 9.8                        | 0.6996                                                |
| 2                              | 1.15                                     | 10.9                       | 0.5548                                                |
| 1                              | 1.40                                     | 12.3                       | 0.4398                                                |
| 1/0                            | 1.40                                     | 13.4                       | 0.3487                                                |
| 2/0                            | 1.40                                     | 14.7                       | 0.2766                                                |
| 3/0                            | 1.40                                     | 16.2                       | 0.2194                                                |
| 4/0                            | 1.40                                     | 17.8                       | 0.1722                                                |

UL 3932



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature -40°C~ +125°C

额定电压 Rated Voltage 2000Vac

执行标准 According To UL758, UL1581

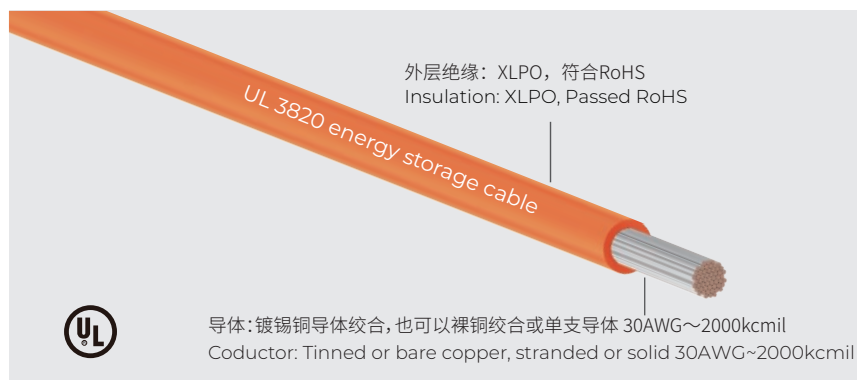
阻燃测试 Flame Test Horizontal flame  
UL FT2

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲  
Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 1.65                       | 94.2                                                  |
| 22                             | 0.76                                     | 1.8                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.0                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.2                        | 23.2                                                  |
| 16                             | 0.76                                     | 2.6                        | 14.6                                                  |
| 14                             | 0.76                                     | 2.9                        | 8.96                                                  |
| 12                             | 0.76                                     | 3.4                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.3                        | 3.54                                                  |
| 9                              | 0.76                                     | 4.7                        | 2.81                                                  |
| 8                              | 1.15                                     | 5.2                        | 2.23                                                  |
| 7                              | 1.15                                     | 5.7                        | 1.768                                                 |
| 6                              | 1.15                                     | 6.2                        | 1.403                                                 |
| 5                              | 1.15                                     | 6.8                        | 1.113                                                 |
| 4                              | 1.15                                     | 7.6                        | 0.882                                                 |
| 3                              | 1.15                                     | 8.5                        | 0.6996                                                |
| 2                              | 1.15                                     | 9.5                        | 0.5548                                                |
| 1                              | 1.40                                     | 10.3                       | 0.4398                                                |
| 1/0                            | 1.40                                     | 11.7                       | 0.3487                                                |
| 2/0                            | 1.40                                     | 13.1                       | 0.2766                                                |
| 3/0                            | 1.40                                     | 14.5                       | 0.2194                                                |
| 4/0                            | 1.40                                     | 16.1                       | 0.1722                                                |

## UL 3820



### 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

## 特性 Characteristics

**额定温度 Rated Temperature** -40°C~ +125°C  
**额定电压 Rated Voltage** 1000Vac

**执行标准 According To** UL758, UL1581  
**阻燃测试 Flame Test** Horizontal flame  
 UL FT2

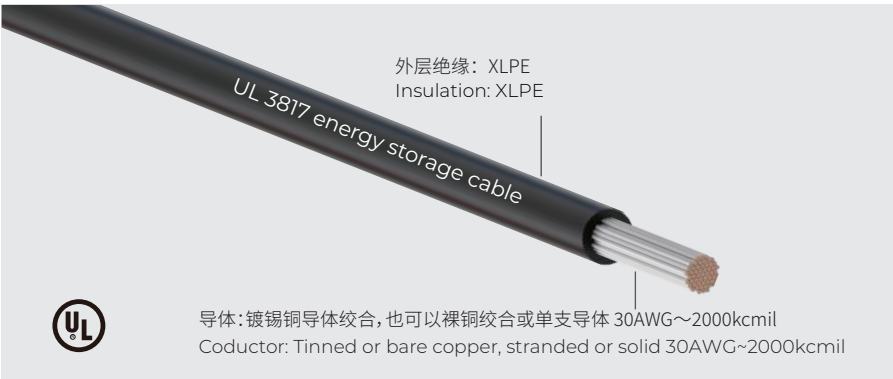
## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 2.2                        | 94.2                                                  |
| 22                             | 0.76                                     | 2.4                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.6                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.8                        | 23.2                                                  |
| 16                             | 0.76                                     | 3.1                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.5                        | 8.96                                                  |
| 12                             | 0.76                                     | 4.0                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.9                        | 3.54                                                  |
| 9                              | 0.76                                     | 5.3                        | 2.81                                                  |
| 8                              | 1.15                                     | 6.5                        | 2.23                                                  |
| 7                              | 1.15                                     | 7.0                        | 1.768                                                 |
| 6                              | 1.15                                     | 7.6                        | 1.403                                                 |
| 5                              | 1.15                                     | 8.2                        | 1.113                                                 |
| 4                              | 1.15                                     | 9.0                        | 0.882                                                 |
| 3                              | 1.15                                     | 9.8                        | 0.6996                                                |
| 2                              | 1.15                                     | 10.9                       | 0.5548                                                |
| 1                              | 1.40                                     | 12.3                       | 0.4398                                                |
| 1/0                            | 1.40                                     | 13.4                       | 0.3487                                                |
| 2/0                            | 1.40                                     | 14.7                       | 0.2766                                                |
| 3/0                            | 1.40                                     | 16.2                       | 0.2194                                                |
| 4/0                            | 1.40                                     | 17.8                       | 0.1722                                                |

UL 3817



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

特性 Characteristics

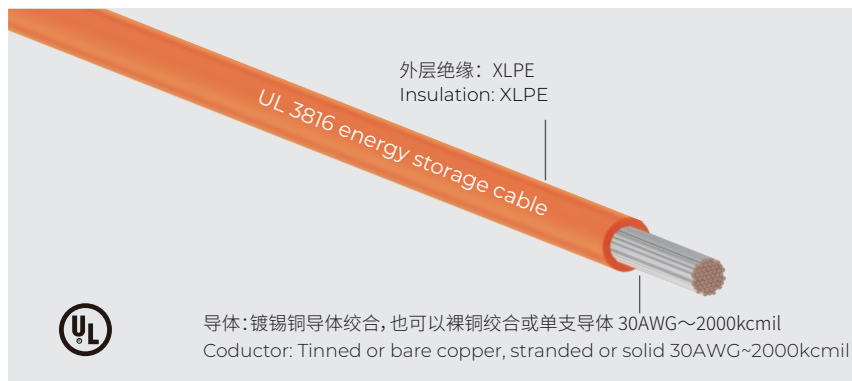
|                        |               |                   |                             |
|------------------------|---------------|-------------------|-----------------------------|
| 额定温度 Rated Temperature | -40°C~ +125°C | 执行标准 According To | UL758, UL1581               |
| 额定电压 Rated Voltage     | 3000Vac       | 阻燃测试 Flame Test   | Horizontal flame<br>UL VW-1 |

应用 Application

用于储能系统中的电源管理系统, 柔软易弯曲。  
 Used for power management of battery energy stroage system, flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 1.7                        | 94.2                                                  |
| 22                             | 0.76                                     | 1.9                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.1                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.3                        | 23.2                                                  |
| 16                             | 0.76                                     | 2.6                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.0                        | 8.96                                                  |
| 12                             | 0.76                                     | 3.5                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.4                        | 3.54                                                  |
| 9                              | 0.76                                     | 4.8                        | 2.81                                                  |
| 8                              | 1.15                                     | 5.3                        | 2.23                                                  |
| 7                              | 1.15                                     | 5.7                        | 1.768                                                 |
| 6                              | 1.15                                     | 6.3                        | 1.403                                                 |
| 5                              | 1.15                                     | 6.9                        | 1.113                                                 |
| 4                              | 1.15                                     | 7.7                        | 0.882                                                 |
| 3                              | 1.15                                     | 8.5                        | 0.6996                                                |
| 2                              | 1.15                                     | 9.5                        | 0.5548                                                |
| 1                              | 1.40                                     | 10.4                       | 0.4398                                                |
| 1/0                            | 1.40                                     | 11.8                       | 0.3487                                                |
| 2/0                            | 1.40                                     | 13.1                       | 0.2766                                                |
| 3/0                            | 1.40                                     | 14.6                       | 0.2194                                                |
| 4/0                            | 1.40                                     | 16.2                       | 0.1722                                                |

## UL 3816



### 优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

## 特性 Characteristics

**额定温度 Rated Temperature** -40°C~ +150°C  
**额定电压 Rated Voltage** 3000Vac

**执行标准 According To** UL758, UL1581  
**阻燃测试 Flame Test** Horizontal flame  
 UL FT2

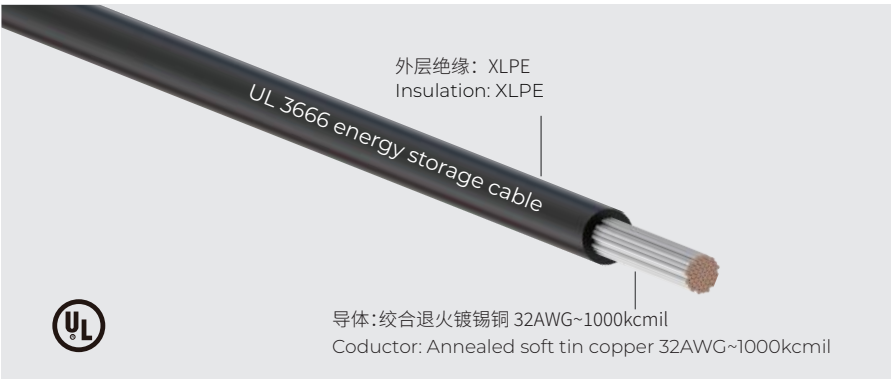
## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 2.2                        | 94.2                                                  |
| 22                             | 0.76                                     | 2.4                        | 59.4                                                  |
| 20                             | 0.76                                     | 2.6                        | 36.7                                                  |
| 18                             | 0.76                                     | 2.8                        | 23.2                                                  |
| 16                             | 0.76                                     | 3.1                        | 14.6                                                  |
| 14                             | 0.76                                     | 3.5                        | 8.96                                                  |
| 12                             | 0.76                                     | 4.0                        | 5.64                                                  |
| 10                             | 0.76                                     | 4.9                        | 3.54                                                  |
| 9                              | 0.76                                     | 5.3                        | 2.81                                                  |
| 8                              | 1.15                                     | 6.5                        | 2.23                                                  |
| 7                              | 1.15                                     | 7.0                        | 1.768                                                 |
| 6                              | 1.15                                     | 7.6                        | 1.403                                                 |
| 5                              | 1.15                                     | 8.2                        | 1.113                                                 |
| 4                              | 1.15                                     | 9.0                        | 0.882                                                 |
| 3                              | 1.15                                     | 9.8                        | 0.6996                                                |
| 2                              | 1.15                                     | 10.9                       | 0.5548                                                |
| 1                              | 1.40                                     | 12.3                       | 0.4398                                                |
| 1/0                            | 1.40                                     | 13.4                       | 0.3487                                                |
| 2/0                            | 1.40                                     | 14.7                       | 0.2766                                                |
| 3/0                            | 1.40                                     | 16.2                       | 0.2194                                                |
| 4/0                            | 1.40                                     | 17.8                       | 0.1722                                                |

# UL 3666



## 优势 Advantage

- ◆ 易剥皮，易裁剪
- ◆ 高柔软性
- ◆ 耐高温
- ◆ 抗紫外线
- ◆ 高阻燃
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ High temperature resistant
- ◆ UV resistant
- ◆ High flame retardant

## 特性 Characteristics

额定温度 Rated Temperature -40°C~ +105°C  
 额定电压 Rated Voltage 600Vac

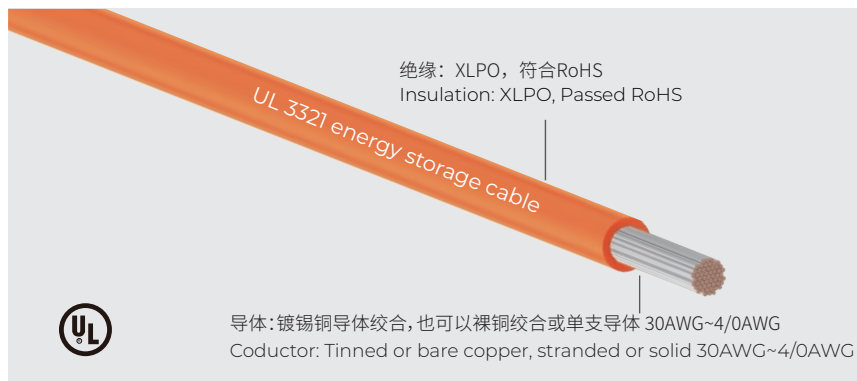
执行标准 According To UL758, UL1581  
 阻燃测试 Flame Test Horizontal flame  
 UL VW-1

## 应用 Application

用于储能系统中的电源管理系统, 柔软易弯曲。  
 Used for power management of battery energy stroage system, flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 26                             | 0.38                                     | 1.30                       | 150                                                   |
| 24                             | 0.38                                     | 1.45                       | 94.2                                                  |
| 22                             | 0.38                                     | 1.60                       | 59.4                                                  |
| 20                             | 0.38                                     | 1.80                       | 36.7                                                  |
| 18                             | 0.38                                     | 2.00                       | 23.2                                                  |
| 16                             | 0.38                                     | 2.40                       | 14.6                                                  |

## UL 3321



### 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

## 特性 Characteristics

**额定温度 Rated Temperature** 150°C  
**额定电压 Rated Voltage** 600Vac, 750Vdc

**执行标准 According To** UL758, UL1581  
**阻燃测试 Flame Test** Horizontal flame  
 UL FT2

## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 26                             | 0.76                                     | 2.10                       | 150                                                   |
| 24                             | 0.76                                     | 2.20                       | 94.2                                                  |
| 22                             | 0.76                                     | 2.35                       | 59.4                                                  |
| 20                             | 0.76                                     | 2.55                       | 36.7                                                  |
| 18                             | 0.76                                     | 2.80                       | 23.2                                                  |
| 16                             | 0.76                                     | 3.15                       | 14.6                                                  |
| 14                             | 0.76                                     | 3.55                       | 8.96                                                  |
| 12                             | 0.76                                     | 4.05                       | 5.64                                                  |
| 10                             | 0.76                                     | 4.90                       | 3.546                                                 |
| 8                              | 1.15                                     | 6.60                       | 2.23                                                  |
| 6                              | 1.15                                     | 7.80                       | 1.403                                                 |
| 4                              | 1.15                                     | 9.10                       | 0.882                                                 |
| 2                              | 1.53                                     | 11.60                      | 0.5548                                                |
| 1                              | 2.03                                     | 13.70                      | 0.4398                                                |
| 1/0                            | 2.03                                     | 14.90                      | 0.3487                                                |
| 2/0                            | 2.03                                     | 16.20                      | 0.2766                                                |
| 3/0                            | 2.03                                     | 17.70                      | 0.2194                                                |
| 4/0                            | 2.03                                     | 19.10                      | 0.1722                                                |

## UL 3289



### 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

## 特性 Characteristics

额定温度 Rated Temperature 150°C  
 额定电压 Rated Voltage 600Vac, 750Vdc

执行标准 According To UL758, UL1581  
 阻燃测试 Flame Test Horizontal flame  
 UL FT2

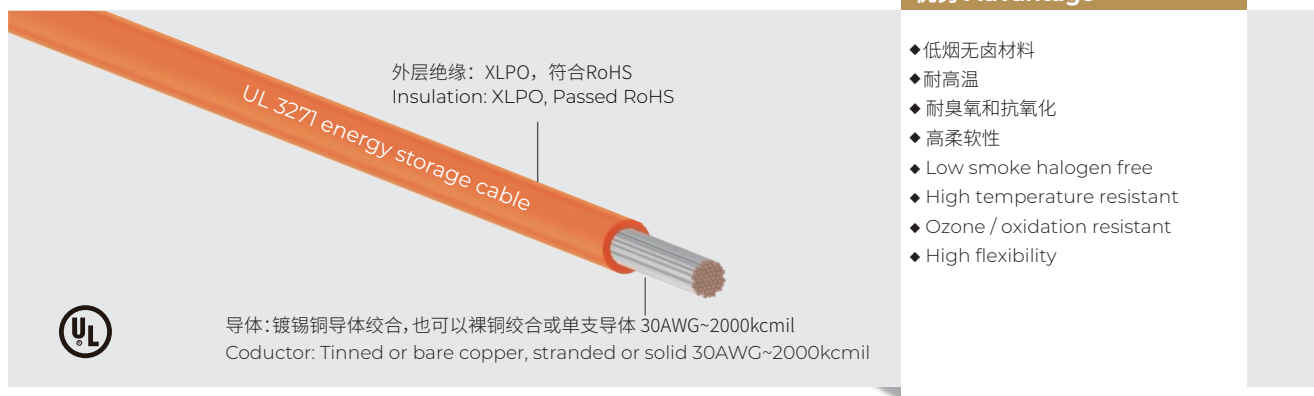
## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 26                             | 0.76                                     | 2.10                       | 150                                                   |
| 24                             | 0.76                                     | 2.20                       | 94.2                                                  |
| 22                             | 0.76                                     | 2.35                       | 59.4                                                  |
| 20                             | 0.76                                     | 2.55                       | 36.7                                                  |
| 18                             | 0.76                                     | 2.80                       | 23.2                                                  |
| 16                             | 0.76                                     | 3.15                       | 14.6                                                  |
| 14                             | 0.76                                     | 3.55                       | 8.96                                                  |
| 12                             | 0.76                                     | 4.05                       | 5.64                                                  |
| 10                             | 0.76                                     | 4.90                       | 3.546                                                 |
| 8                              | 1.15                                     | 6.60                       | 2.23                                                  |
| 6                              | 1.53                                     | 8.60                       | 1.403                                                 |
| 4                              | 1.53                                     | 9.90                       | 0.882                                                 |
| 2                              | 1.53                                     | 11.60                      | 0.5548                                                |
| 1                              | 2.03                                     | 13.70                      | 0.4398                                                |
| 1/0                            | 2.03                                     | 14.90                      | 0.3487                                                |
| 2/0                            | 2.03                                     | 16.20                      | 0.2766                                                |
| 3/0                            | 2.03                                     | 17.70                      | 0.2194                                                |
| 4/0                            | 2.03                                     | 19.10                      | 0.1722                                                |

## UL 3271



## 特性 Characteristics

额定温度 Rated Temperature 125°C  
额定电压 Rated Voltage 600Vac, 750Vdc

执行标准 According To UL758, UL1581  
阻燃测试 Flame Test Horizontal flame  
UL VW-1 & CSA FT1

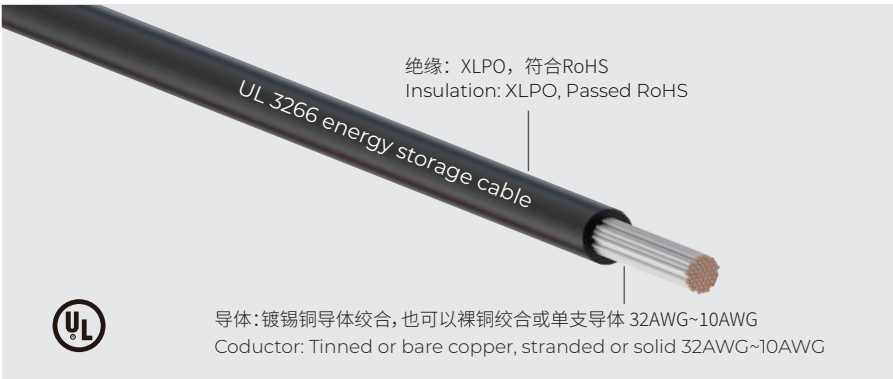
## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。

Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 26                             | 0.76                                     | 2.10                       | 150                                                   |
| 24                             | 0.76                                     | 2.20                       | 94.2                                                  |
| 22                             | 0.76                                     | 2.35                       | 59.4                                                  |
| 20                             | 0.76                                     | 2.55                       | 36.7                                                  |
| 18                             | 0.76                                     | 2.80                       | 23.2                                                  |
| 16                             | 0.76                                     | 3.15                       | 14.6                                                  |
| 14                             | 0.76                                     | 3.55                       | 8.96                                                  |
| 12                             | 0.76                                     | 4.05                       | 5.64                                                  |
| 10                             | 0.76                                     | 4.90                       | 3.546                                                 |
| 8                              | 1.15                                     | 6.60                       | 2.23                                                  |
| 6                              | 1.15                                     | 7.80                       | 1.403                                                 |
| 4                              | 1.15                                     | 9.10                       | 0.882                                                 |
| 2                              | 1.15                                     | 10.90                      | 0.5548                                                |
| 1                              | 1.40                                     | 12.50                      | 0.4398                                                |
| 1/0                            | 1.40                                     | 13.60                      | 0.3487                                                |
| 2/0                            | 1.40                                     | 15.00                      | 0.2766                                                |
| 3/0                            | 1.40                                     | 16.50                      | 0.2194                                                |
| 4/0                            | 1.40                                     | 17.90                      | 0.1722                                                |

UL 3266



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

特性 Characteristics

额定温度 Rated Temperature 125°C  
 额定电压 Rated Voltage 300Vac

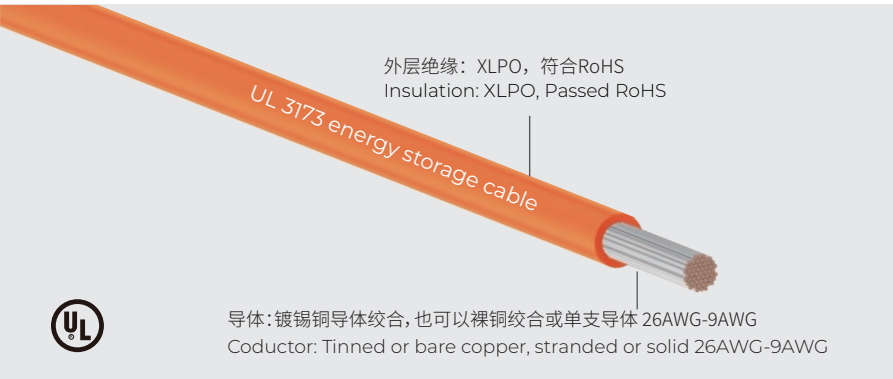
执行标准 According To UL758, UL1581  
 阻燃测试 Flame Test Horizontal flame  
 UL FT2

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
 Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 26                             | 0.38                                     | 1.30                       | 148.94                                                |
| 24                             | 0.38                                     | 1.43                       | 93.25                                                 |
| 22                             | 0.38                                     | 1.58                       | 55.00                                                 |
| 20                             | 0.38                                     | 1.76                       | 34.60                                                 |
| 18                             | 0.38                                     | 2.00                       | 21.80                                                 |
| 16                             | 0.38                                     | 2.32                       | 14.64                                                 |
| 14                             | 0.38                                     | 2.70                       | 9.25                                                  |
| 12                             | 0.38                                     | 3.20                       | 5.82                                                  |
| 10                             | 0.38                                     | 4.00                       | 3.66                                                  |

# UL 3173



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐高温
- ◆ 耐臭氧和抗氧化
- ◆ 高柔软性
- ◆ Low smoke halogen free
- ◆ High temperature resistant
- ◆ Ozone / oxidation resistant
- ◆ High flexibility

## 特性 Characteristics

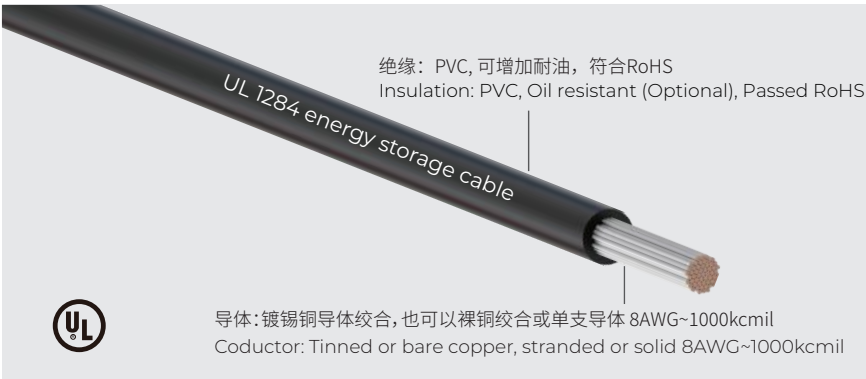
|                        |        |                   |                            |
|------------------------|--------|-------------------|----------------------------|
| 额定温度 Rated Temperature | 125°C  | 执行标准 According To | UL758, UL1581              |
| 额定电压 Rated Voltage     | 600Vac | 阻燃测试 Flame Test   | Horizontal flame<br>UL FT2 |

## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 26                             | 0.76                                     | 2.10                       | 150                                                   |
| 24                             | 0.76                                     | 2.20                       | 94.2                                                  |
| 22                             | 0.76                                     | 2.35                       | 59.4                                                  |
| 20                             | 0.76                                     | 2.55                       | 36.7                                                  |
| 18                             | 0.76                                     | 2.80                       | 23.2                                                  |
| 16                             | 0.76                                     | 3.15                       | 14.6                                                  |
| 14                             | 0.76                                     | 3.55                       | 8.96                                                  |
| 12                             | 0.76                                     | 4.05                       | 5.64                                                  |
| 10                             | 0.76                                     | 4.90                       | 3.41                                                  |

UL 1284



优势 Advantage

- ◆ 防潮湿
- ◆ 耐酸
- ◆ 耐油
- ◆ 易剥皮, 易裁剪
- ◆ Anti-moisture
- ◆ Acid resistant
- ◆ Oil resistant
- ◆ Easy stripping and cutting

特性 Characteristics

额定温度 Rated Temperature 105°C  
 额定电压 Rated Voltage 600Vac

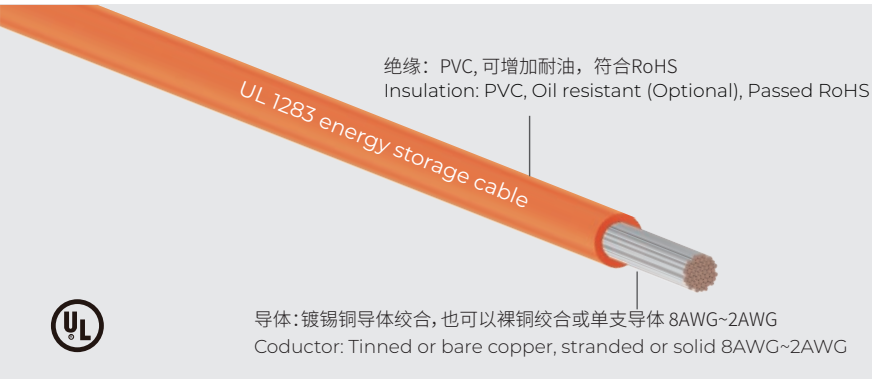
执行标准 According To UL758, UL1581  
 阻燃测试 Flame Test Horizontal flame  
 UL VW-1 & CSA FT1

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
 Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 8                              | 2.03                                     | 8.30                       | 2.35                                                  |
| 7                              | 2.03                                     | 8.80                       | 1.87                                                  |
| 6                              | 2.03                                     | 9.40                       | 1.48                                                  |
| 5                              | 2.03                                     | 10.0                       | 1.17                                                  |
| 4                              | 2.03                                     | 10.70                      | 0.928                                                 |
| 3                              | 2.03                                     | 11.50                      | 0.744                                                 |
| 2                              | 2.03                                     | 12.50                      | 0.590                                                 |
| 1                              | 2.03                                     | 13.50                      | 0.467                                                 |
| 1/0                            | 2.03                                     | 14.60                      | 0.370                                                 |
| 2/0                            | 2.03                                     | 16.00                      | 0.297                                                 |
| 3/0                            | 2.03                                     | 17.50                      | 0.236                                                 |
| 4/0                            | 2.03                                     | 19.10                      | 0.187                                                 |

# UL 1283



优势 Advantage

- ◆ 防潮湿
- ◆ 耐酸
- ◆ 耐油
- ◆ 易剥皮, 易裁剪
- ◆ Anti-moisture
- ◆ Acid resistant
- ◆ Oil resistant
- ◆ Easy stripping and cutting

## 特性 Characteristics

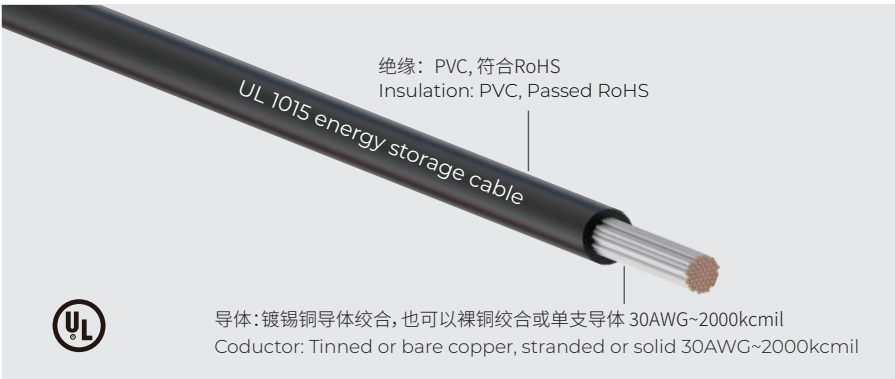
|                        |        |                   |                                       |
|------------------------|--------|-------------------|---------------------------------------|
| 额定温度 Rated Temperature | 105°C  | 执行标准 According To | UL758, UL1581                         |
| 额定电压 Rated Voltage     | 600Vac | 阻燃测试 Flame Test   | Horizontal flame<br>UL VW-1 & CSA FT1 |

## 应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 8                              | 1.52                                     | 7.30                       | 2.35                                                  |
| 7                              | 1.52                                     | 7.80                       | 1.87                                                  |
| 6                              | 1.52                                     | 8.40                       | 1.48                                                  |
| 5                              | 1.52                                     | 9.00                       | 1.17                                                  |
| 4                              | 1.52                                     | 9.70                       | 0.928                                                 |
| 3                              | 1.52                                     | 10.50                      | 0.744                                                 |
| 2                              | 1.52                                     | 11.50                      | 0.590                                                 |

UL 1015



优势 Advantage

- ◆ 易剥皮, 易裁剪
- ◆ 高柔软性
- ◆ 抗氧化
- ◆ 性能稳定
- ◆ Easy stripping and cutting
- ◆ High flexibility
- ◆ Oxidation resistant
- ◆ Stable performance

特性 Characteristics

|                        |                   |                   |                                       |
|------------------------|-------------------|-------------------|---------------------------------------|
| 额定温度 Rated Temperature | 80°C, 90°C, 105°C | 执行标准 According To | UL758, UL1581                         |
| 额定电压 Rated Voltage     | 600Vac or 750Vdc  | 阻燃测试 Flame Test   | Horizontal flame<br>UL VW-1 & CSA FT1 |

应用 Application

用于电器内部系统连接, 逆变器连接和电池组连接等, 柔软易弯曲。  
Used for internal system of electrical appliances, inverter connection and battery pack connection, etc., flexible cable.

| 线缆规格<br>Cross Section<br>(AWG) | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品外径<br>Cable O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------------------|------------------------------------------|----------------------------|-------------------------------------------------------|
| 24                             | 0.76                                     | 2.20                       | 93.25                                                 |
| 22                             | 0.76                                     | 2.35                       | 55.00                                                 |
| 20                             | 0.76                                     | 2.55                       | 34.60                                                 |
| 18                             | 0.76                                     | 3.78                       | 21.80                                                 |
| 16                             | 0.76                                     | 3.10                       | 14.64                                                 |
| 14                             | 0.76                                     | 3.50                       | 9.25                                                  |
| 12                             | 0.76                                     | 4.00                       | 5.82                                                  |
| 10                             | 0.76                                     | 4.60                       | 3.66                                                  |
| 9                              | 0.76                                     | 5.30                       | 2.96                                                  |
| 8                              | 1.14                                     | 6.50                       | 2.35                                                  |
| 7                              | 1.14                                     | 7.00                       | 1.87                                                  |
| 6                              | 1.52                                     | 8.40                       | 1.48                                                  |
| 5                              | 1.52                                     | 9.00                       | 1.17                                                  |
| 4                              | 1.52                                     | 9.70                       | 0.928                                                 |
| 3                              | 1.52                                     | 10.5                       | 0.744                                                 |
| 2                              | 1.52                                     | 11.5                       | 0.590                                                 |
| 1                              | 2.03                                     | 13.5                       | 0.467                                                 |
| 1/0                            | 2.03                                     | 14.6                       | 0.370                                                 |
| 2/0                            | 2.03                                     | 16.0                       | 0.297                                                 |
| 3/0                            | 2.03                                     | 17.5                       | 0.236                                                 |
| 4/0                            | 2.03                                     | 19.1                       | 0.187                                                 |

## TÜV ESL10Z3-K/H



### 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 易于安装
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Easy to install

## 特性 Characteristics

额定温度 Rated Temperature -40°C ~ +125°C  
额定电压 Rated Voltage 1000Vdc

执行标准 According To TÜV 2 PfG 2693/03.23

## 应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接。

Used for battery energy storage system, battery connection, connection between battery and shunt box.

| 线缆名称<br>Cable Name | 线缆规格<br>Cross Section | 绝缘厚度<br>Insulation Nom<br>Thickness (mm) | 成品最大外径<br>Cable Max O.D.<br>(mm) | 20°C最大电阻<br>Conductor Resistance<br>Max at 20°C(Ω/km) |
|--------------------|-----------------------|------------------------------------------|----------------------------------|-------------------------------------------------------|
| ESL10Z3-K          | 4                     | 0.70                                     | 4.60                             | 4.95                                                  |
|                    | 6                     | 0.70                                     | 5.20                             | 3.30                                                  |
|                    | 10                    | 0.70                                     | 6.60                             | 1.91                                                  |
|                    | 16                    | 0.70                                     | 7.80                             | 1.21                                                  |
|                    | 25                    | 0.90                                     | 9.60                             | 0.780                                                 |
|                    | 35                    | 0.90                                     | 11.50                            | 0.554                                                 |
|                    | 50                    | 1.00                                     | 13.50                            | 0.386                                                 |
|                    | 70                    | 1.10                                     | 15.50                            | 0.272                                                 |
|                    | 95                    | 1.10                                     | 17.50                            | 0.206                                                 |
|                    | 120                   | 1.20                                     | 19.50                            | 0.161                                                 |
|                    | 150                   | 1.40                                     | 22.00                            | 0.129                                                 |
|                    | 185                   | 1.60                                     | 24.00                            | 0.106                                                 |
|                    | 240                   | 1.70                                     | 27.50                            | 0.0801                                                |

\* 标志说明 Symbol illustration:

环境特性 Environment characteristic: L —— 室内 Indoor use.

导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.

# TÜV ESP/L10Z3Z3-K/H SM-R DH-R



## 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 耐盐雾
- ◆ 耐湿热
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Salt mist resistant
- ◆ Damp heat resistant

## 特性 Characteristics

额定温度 Rated Temperature      -40°C ~ +125°C      执行标准 According To      TÜV 2 PfG 2693/03.23

额定电压 Rated Voltage      1000Vdc

## 应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接, 可以应用于外部连接。  
Used for battery energy storage system, battery connection, connection between battery and shunt box, and can be used for outdoor.

| 线缆名称<br>Cable Name         | 线缆规格<br>Cross Section | 绝缘厚度<br>Insulation Nom Thickness (mm) | 绝缘最大外径<br>Insulation Max O.D. (mm) | 护套厚度<br>Jacket Nom Thickness (mm) | 成品最大外径<br>Cable Max O.D. (mm) | 20°C最大电阻<br>Conductor Resistance Max at 20°C(Ω/km) |
|----------------------------|-----------------------|---------------------------------------|------------------------------------|-----------------------------------|-------------------------------|----------------------------------------------------|
| ESP/L10Z3Z3-K<br>SM-R DH-R | 4                     | 0.70                                  | 4.60                               | 1.00                              | 6.80                          | 4.95                                               |
|                            | 6                     | 0.70                                  | 5.20                               | 1.00                              | 7.60                          | 3.30                                               |
|                            | 10                    | 0.70                                  | 6.60                               | 1.10                              | 9.00                          | 1.91                                               |
|                            | 16                    | 0.70                                  | 7.80                               | 1.10                              | 10.50                         | 1.21                                               |
|                            | 25                    | 0.90                                  | 9.60                               | 1.20                              | 12.50                         | 0.780                                              |
|                            | 35                    | 0.90                                  | 11.50                              | 1.20                              | 14.00                         | 0.554                                              |
|                            | 50                    | 1.00                                  | 13.50                              | 1.30                              | 16.00                         | 0.386                                              |
|                            | 70                    | 1.10                                  | 15.50                              | 1.400                             | 18.50                         | 0.272                                              |
|                            | 95                    | 1.10                                  | 17.50                              | 1.50                              | 21.00                         | 0.206                                              |
|                            | 120                   | 1.20                                  | 19.50                              | 1.60                              | 23.00                         | 0.161                                              |
|                            | 150                   | 1.40                                  | 22.00                              | 1.70                              | 25.50                         | 0.129                                              |
|                            | 185                   | 1.60                                  | 24.00                              | 1.80                              | 28.00                         | 0.106                                              |
|                            | 240                   | 1.70                                  | 27.50                              | 1.90                              | 31.50                         | 0.0801                                             |

\* 标志说明 Symbol illustration:  
环境特性 Environment characteristic: P —— 室外 Outdoor use. L —— 室内 Indoor use  
导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.  
特殊特性 Special characteristic: SM-R —— 耐盐雾 Salt mist resistant. DH-R —— 耐湿热 Damp heat resistant.

# TÜV ESL15Z3-K/H



优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 易于安装
- ◆ Low smoke halogen free
- ◆ Resistan to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Easy to install

## 特性 Characteristics

额定温度 Rated Temperature    -40°C ~ +125°C

额定电压 Rated Voltage            1500Vdc

执行标准 According To            TÜV 2 PfG 2693/03.23

## 应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接。  
Used for battery energy storage system, battery connection, connection between battery and shunt box.

| 线缆名称<br>Cable Name | 线缆规格<br>Cross Section | 绝缘厚度<br>Insulation Nom Thickness (mm) | 成品最大外径<br>Cable Max O.D. (mm) | 20°C最大电阻<br>Conductor Resistance Max at 20°C(Ω/km) |
|--------------------|-----------------------|---------------------------------------|-------------------------------|----------------------------------------------------|
| ESL15Z3-K          | 4                     | 0.80                                  | 4.80                          | 4.95                                               |
|                    | 6                     | 0.80                                  | 5.40                          | 3.30                                               |
|                    | 10                    | 1.00                                  | 7.40                          | 1.91                                               |
|                    | 16                    | 1.10                                  | 8.60                          | 1.21                                               |
|                    | 25                    | 1.30                                  | 10.50                         | 0.780                                              |
|                    | 35                    | 1.30                                  | 12.50                         | 0.554                                              |
|                    | 50                    | 1.50                                  | 14.50                         | 0.386                                              |
|                    | 70                    | 1.50                                  | 16.50                         | 0.272                                              |
|                    | 95                    | 1.50                                  | 18.50                         | 0.206                                              |
|                    | 120                   | 1.50                                  | 20.00                         | 0.161                                              |
|                    | 150                   | 1.70                                  | 22.50                         | 0.129                                              |
|                    | 185                   | 1.90                                  | 25.00                         | 0.106                                              |
|                    | 240                   | 2.00                                  | 28.00                         | 0.0801                                             |

\* 标志说明 Symbol illustration:  
环境特性 Environment characteristic: L —— 室内 Indoor use.  
导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.

# TÜV ESP/L15Z3Z3-K/H SM-R DH-R



## 优势 Advantage

- ◆ 低烟无卤材料
- ◆ 耐电池酸
- ◆ 高阻燃
- ◆ 高柔软性
- ◆ 耐盐雾
- ◆ 耐湿热
- ◆ Low smoke halogen free
- ◆ Resistant to battery acid
- ◆ High flame retardant
- ◆ High flexibility
- ◆ Salt mist resistant
- ◆ Damp heat resistant

## 特性 Characteristics

额定温度 Rated Temperature -40°C ~ +125°C  
额定电压 Rated Voltage 1500Vdc

执行标准 According To TÜV 2 PfG 2693/03.23

## 应用 Application

用于储能系统电池之间的电力连接, 电池到汇流箱的连接, 可以应用于外部连接。  
Used for battery energy storage system, battery connection, connection between battery and shunt box, and can be used for outdoor.

| 线缆名称<br>Cable Name         | 线缆规格<br>Cross Section | 绝缘厚度<br>Insulation Nom Thickness (mm) | 绝缘最大外径<br>Insulation Max O.D. (mm) | 护套厚度<br>Jacket Nom Thickness (mm) | 成品最大外径<br>Cable Max O.D. (mm) | 20°C最大电阻<br>Conductor Resistance Max at 20°C(Ω/km) |
|----------------------------|-----------------------|---------------------------------------|------------------------------------|-----------------------------------|-------------------------------|----------------------------------------------------|
| ESP/L15Z3Z3-K<br>SM-R DH-R | 4                     | 0.80                                  | 4.80                               | 1.00                              | 7.00                          | 4.95                                               |
|                            | 6                     | 0.80                                  | 5.40                               | 1.00                              | 7.80                          | 3.30                                               |
|                            | 10                    | 1.00                                  | 7.40                               | 1.10                              | 9.60                          | 1.91                                               |
|                            | 16                    | 1.10                                  | 8.60                               | 1.10                              | 11.00                         | 1.21                                               |
|                            | 25                    | 1.30                                  | 10.50                              | 1.20                              | 13.00                         | 0.780                                              |
|                            | 35                    | 1.30                                  | 12.50                              | 1.20                              | 15.00                         | 0.554                                              |
|                            | 50                    | 1.50                                  | 14.50                              | 1.30                              | 17.50                         | 0.386                                              |
|                            | 70                    | 1.50                                  | 16.50                              | 1.40                              | 19.50                         | 0.272                                              |
|                            | 95                    | 1.50                                  | 18.50                              | 1.50                              | 21.50                         | 0.206                                              |
|                            | 120                   | 1.50                                  | 20.00                              | 1.60                              | 23.50                         | 0.161                                              |
|                            | 150                   | 1.70                                  | 22.50                              | 1.70                              | 26.00                         | 0.129                                              |
|                            | 185                   | 1.90                                  | 25.00                              | 1.80                              | 28.50                         | 0.106                                              |
|                            | 240                   | 2.00                                  | 28.00                              | 1.90                              | 32.00                         | 0.0801                                             |

\* 标志说明 Symbol illustration:  
环境特性 Environment characteristic: P —— 室外 Outdoor use. L —— 室内 Indoor use  
导体种类 Conductor type: K —— 5类导体 Class 5 conductor. H —— 6类导体 Class 6 conductor.  
特殊特性 Special characteristic: SM-R —— 耐盐雾 Salt mist resistant. DH-R —— 耐湿热 Damp heat resistant.

储能线束 Energy Storage Harness



| 线缆规格<br>Cross Section<br>(AWG)                           | 连接器型号<br>Connector Type            | 额定系统电压<br>System Voltage | 工作温度<br>Operating Temperature | 防火等级<br>Fire Rating |
|----------------------------------------------------------|------------------------------------|--------------------------|-------------------------------|---------------------|
| 4mm <sup>2</sup> ~150mm <sup>2</sup><br>(24AWG ~ 4/0AWG) | 安费诺<br>Amphenol<br>菲尼克斯<br>PHOENIX | L: 300V<br>H: 3000V      | -40~ +125°C                   | UL 94-V0            |



**专注提供新能源连接解决方案。**  
*Focus on energy connection solution.*

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