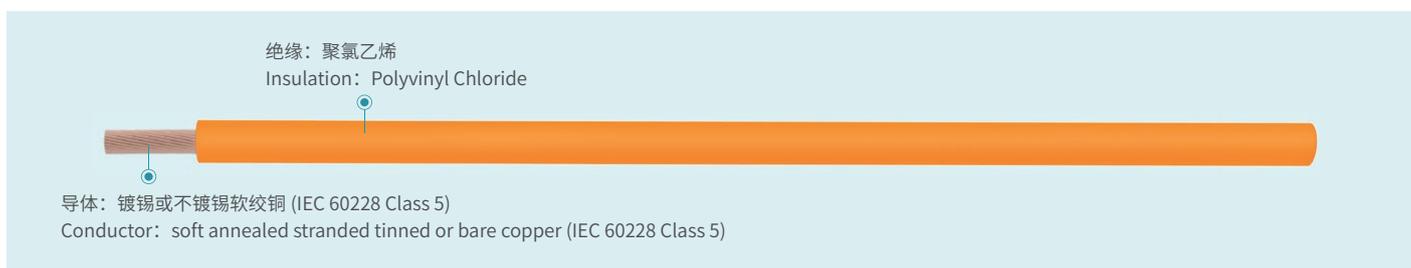


# UL10269 储能电缆

## UL10269 Energy Storage System Cable



### 产品优点 Advantages:

- 产品柔软、易于安装  
Flexible and easy for installation
- 产品阻燃性好，满足 UL VW-1  
Excellent flame retardancy, meets UL VW-1
- 耐油、耐酸碱、耐水、耐磨  
Resistance against oil, acid, alkali, water, wearing
- 抗开裂，抗紫外线  
Resistant to cracking and UV
- 所有材料符合 ROHS&REACH 环保标准  
All materials comply with ROHS&REACH

### 性能 Properties:

- 绝缘抗张强度：≥ 10.3Mpa  
Tensile strength of insulation: ≥ 10.3Mpa
- 绝缘断裂伸长率：≥ 200%  
Elongation at Break of Insulation: ≥ 200%
- 额定电压：DC 1500V / AC 1000V  
Rating voltage: DC 1500V / AC 1000V
- 工作温度：-40°C ~105°C  
Working temperature: -40°C ~105°C
- 绝缘颜色：黑色或橙色  
Insulation Color: Black or orange

截面积 Cross Section (AWG)	导体规格 Conductor (No./mm)	绝缘厚度 Insulation Thickness(mm)	电缆外径 Cable Diameter(mm)	导体电阻 20°C Conductor Resistance at 20°C (Ω/km)	重量 weight (kg/km)
24	11/0.16	0.76	2.2	94.2	7
22	17/0.16	0.76	2.4	59.4	9
20	26/0.16	0.76	2.6	36.7	11
18	16/0.254	0.76	2.8	23.2	15
16	26/0.254	0.76	3.1	14.6	20
14	41/0.254	0.76	3.5	9.0	29
12	65/0.254	0.76	4.1	5.6	43
10	105/0.254	0.76	4.9	3.5	66
9	133/0.254	0.76	5.2	2.81	80
8	168/0.254	1.14	6.6	2.23	112
7	210/0.254	1.14	7.1	1.768	135
6	266/0.254	1.52	8.5	1.403	180
5	329/0.254	1.52	9	1.113	214
4	420/0.254	1.52	9.5	0.882	259
3	532/0.254	1.52	10.3	0.6996	319
2	665/0.254	1.52	11	0.5548	386
1	836/0.254	2.03	13	0.4398	503
1/0	1045/0.254	2.03	14.2	15.1	619
2/0	1330/0.254	2.03	15.6	0.2766	773
3/0	1672/0.254	2.03	16.8	0.2194	945
4/0	2109/0.254	2.03	18.5	0.1722	1177