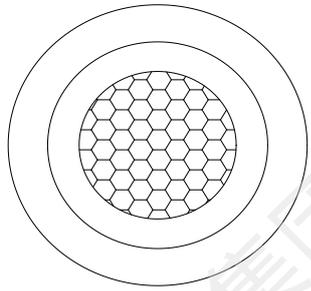


Standard 标准	Sheet NO/编号	S250220024
UL 4703	Construction Figure/截面图: 	
Construction 规格型号		
UL-PV 10AWG		
product usage 产品用途		
Irradiated cross-linked halogen-free low-smoke polyolefin insulation and sheathed photovoltaic power generation system		

cable construction
电缆结构

Conductor 导体	Construction Item/规格	10AWG
	Construction/构造 mm	75/0.3±0.008
	Material/材质	Tinned copper
	O.D/绞合外径 mm	2.99
Insulation 绝缘	Material/材质	XLPO
	Avg.Thick/标准厚度 mm	1.14
	Min.Thick最小厚度 mm	1.03
	O.D/线径 mm	5.3±0.2
	Color/颜色	Black
Jacket 护套	Material/材质	XLPO
	Avg.Thick/标准厚度 mm	0.76
	Min.Thick最小厚度 mm	0.61
	O.D/线径 mm	6.79±0.3
	Color/颜色	Black
Marking 印字	(UL) E480012 JOCA PV WIRE 10AWG 90°C WET OR DRY 1000V SUN RES -40°C 米标	

Electric Characters
电气性能

Voltage rating 额定电压 V	1000	Conductor resistance 导体电阻 ΩKM Max at20°C	3.55
Test voltage of finished cable 成品电缆测试电压 V	6500		

Physical Properties
物理性能

Elongation of unaged values 老化前伸长率 %	≥150	Temperature rating 温度等级 °C	-40~90
Tensile strength of unaged values 老化前抗张强度 N/mm²	≥10.3	bending radius 弯曲半径	≥6D

APPROVED 批准	CHECKED 审查	DESIGNED 编制	APPROVED BY THE CLIENT 客户认可
赵亮亮	/	王宗豪	