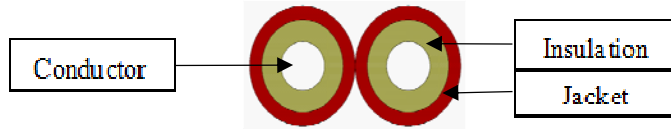


光伏电线规格 PV Cable Specification

导体与线材结构 Construction and properties

导体结构参考表1 The construction of wire shall be complied with following and table 1.



1).导体 Conductor	镀锡退火软铜绞线 Soft annealed stranded tin-plated copper
2).绝缘 Insulation	交联聚烯烃/Electron beam cross-linked material(XLPE)
3).护套 Jacket	交联聚烯烃/Electron beam cross-linked material(XLPE)
4).参考标准 Applicable Standard	2PFG 1169/08.2007
5).印字标识 Identification Mark	2PFG 1169 PV1-F 1X**mm ² NSPV NewSun PV Technology Co.,Ltd

导体与线材结构
Construction and Properties

表1/Table1

导体 Conductor			绝缘 Insulation		护套 Jacket		导体电阻 Conductor Resistance
面积 Area.(mm ²)	结构 Construction(mm)	绞线外径 Stranded OD(mm)	外径 Diameter(mm)	颜色 Color	外径 Diameter(mm)	颜色 Color	Max. (Ω/KM) (at 20℃)
2x2.5	49/0.25 (max.0.26)	2.05	3.85± 0.15	Red/Blue	5.40-11.3	黑色 Black	8.21
2x4	56/0.285 (max.0.29)	2.48	4.5± 0.15	Red/Blue	6.20-13		5.09
额定电压/Rating voltage		V	DC1000				
允许使用温度/Permissible temperature		℃	-40~+120				
短路电流温度/Short circuit temperature		℃	+200(at the conductor max.5sec)				

物理性能/Mechanical Characteristics

热寿命/Highly heat resistant:	-40℃...+90℃ (> 150 hours)
	-40℃...+105℃ (> 150 hours)
	-40℃...+120℃ (> 150 hours)

使用寿命/Expected usable life:>25 years

6).环保要求符合RoHS/Environmental Data:RoHS-conform