

## Specifications

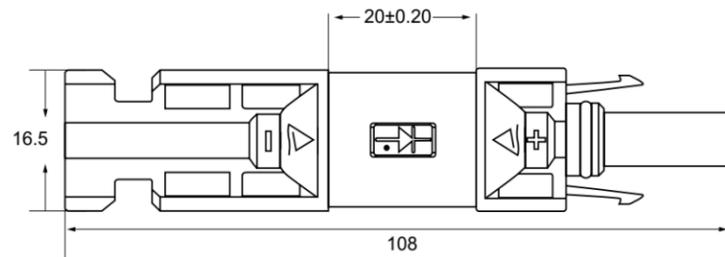
Technical Data	
Adapting Current	10A, 15A
Rated Voltage	1000V DC
Test Voltage	6kV(50HZ,1min)
Overvoltage Category/Pollution Degree	CAT III /2
Contact Resistance Of Plug Connector	0.5mΩ
Contact Material	Copper, Tin-plated
Insulation Material	PPO
Degree Of Protection	IP2*/IP67
Flame Class	UL94-VO
Safety Class	II
Insertion Force/ Withdrawal Force	≤ 50N/≥ 50N
Connecting System	Crimp connection
Temperature Range	-40°C ~ +85°C



## Features

1. Low power loss
2. Auto-lock equipment of male and female points enable
3. connection more easy and reliable
4. With the capacity of anti-aging and resistance to ultraviolet
5. radiation on the outer cover
6. Popular figure suit most of field installation
7. Simple on-site processing
8. With convenient installation, strong commonality

## Dimension



## Specifications

Type	Cross Section	Strand design	Conductor diameter	Conductor resistance	Outer diameter A x B	Rated voltage	Rated current
	mm <sup>2</sup>	No.xφ(mm)	mm	Ω/km	mm	VAC/DC	A
PV-1x2.5mm <sup>2</sup>	2.5	50 xφ0.25	2.0	8.06	5.3	1000/1800	30
PV-1x4.0mm <sup>2</sup>	4.0	56 xφ0.3	2.6	4.97	6.4	1000/1800	50
PV-1x6.0mm <sup>2</sup>	6.0	84 xφ0.3	3.3	3.52	7.2	1000/1800	70

Wire	Class 5, tinned
Insulation Material	XLPE
Double Insulated	
Halogen-free	
High resistance against oils, greases, oxygen and ozone	
Microbe-resistant	
UV Resistant	
High Wear And Abrasion Resistance	
Flam Test According To	DIN EN 50265-2-1 UL1571(VW-1)
Smallest Permissible Bending Radius	5XD
Temperature Range	-40°C ~ +90°C
Colours	Black/red



## Features

1. Dual wall insulation, electron beam cross-linked
2. Excellent resistance to UV, water, ozone, fluids, salt, general 3. weathering
3. Excellent resistance to abrasion
4. Halogen free, flame retardant, low toxicity
5. Excellent flexibility and stripping performance
6. High current carrying capacity

## Dimension

