



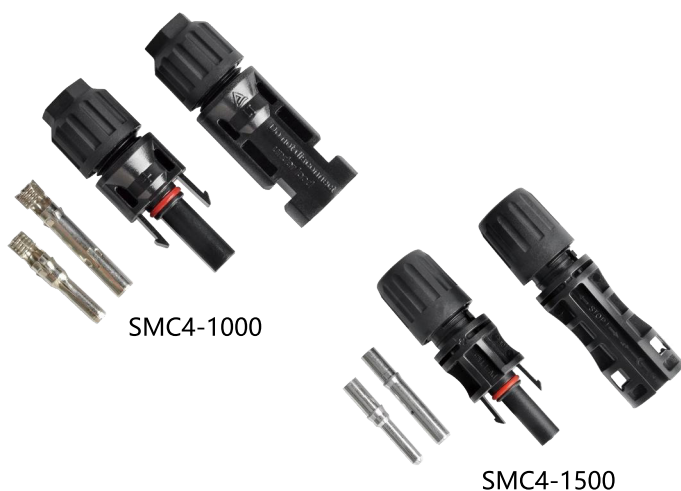
SMC4

Solar Connector



SMC4

Solar Connector



- Simple on-site processing.
- Accommodates PV cable with different insulation diameters.
- Mating safety provided by keyed housings.
- Multiple plugging and unplugging cycles.
- High current carrying capacity.

• Technical Parameters

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size(mm ²)	Cable OD(ΦDmm)
SMC4-CMMM-14	FMC4-CMMM-H	FMC4-CM-T14	AWG14(2.5 mm ²)	Φ4.5-Φ8.5
SMC4-CMMM-12		FMC4-CM-T12	AWG12(4.0 mm ²)	
SMC4-CMMM-10		FMC4-CM-T10	AWG10(6.0 mm ²)	
SMC4-CFPM-14	FMC4-CFPM-H	FMC4-CF-T14	AWG14(2.5 mm ²)	Φ4.5-Φ8.5
SMC4-CFPM-12		FMC4-CF-T12	AWG12(4.0 mm ²)	
SMC4-CFPM-10		FMC4-CF-T10	AWG10(6.0 mm ²)	

• Technical Parameters

Rated Current	30A(4.0-6.0mm ²)	45A(4-6mm ²)
Rated Voltage	1000V DC	1500V DC
Test Voltage	6000V(50Hz, 1min)	
Overvoltage Type/Pollution Degree	CAT III /2	
Contact Resistance Of Plug Connector	1mΩ	
Contact Material	Copper, Tin-plated	
Insulation Material	PPO	
Degree Of Protection	IP2X/IP67	
Flame Class	UL94-VO	
Safety Class	II	
Suitable Cable	OD 4.5-8.5(4.0-6.0mm ²)	
Insertion Force/Withdrawal Force	≤ 50N/ ≥ 50N	
Connecting System	Crimp connection	
Temperature Range	-40°C ~ +125°C	

SMC4

Solar Connector



SMC4B

SMC4Y

- Plug FMC4B-2M1F
- Socket FMC4B-2F1M

Specifications

Type And Meaning	
Available Branch Type	2-1, 3-1, 4-1, 5-1
Rated Current	30A
Rated Voltage	1000V DC
Test Voltage	6000V(50Hz, 1min)
Overvoltage Category/Pollution Degree	CAT III /2
Contact Resistance Of Plug Connector	1m Ω
Contact Material	Copper, Tin-plated
Insulation Material	PA/PRO
Degree Of Protection	IP2*/IP67
Flame Class	UL94-VO
Safety Class	II
Insertion Force	$\leq 50\text{N}$
Withdrawal Force	$\geq 50\text{N}$
Temperature Range	-40°C ~ +110°C