



MC4 Y SOLAR CONNECTOR

Electrical and Mechanical Specification	
Rated Voltage	1000V
Rated Current	25 A
Rated Test Voltage	6000 V (50 Hz, 1 Min)
Insertion Force	≤50N
Withdrawal force	≥50N
Contact Resistance	2mΩ
Compatible Cable Cross Sections	solar cable 4.0mm ² and 6.0 mm ²
Suitable Cable	2.5-6.0mm ² AWG 14/12/10
Be used for	Connecting PV Cable
Characteristics	High Insulation, Big Tension , Fast Integration
Plug Power	30N-80N
Contact Material	Copper
Insulation Material	PPO

Environmental Specification	
Degree of Protection	IP67
Pollution Degree (1/2/3/4)	3
Low Ambient Temperature (°C)	-40°C
Upper Ambient Temperature (°C)	+90°C
Overvoltage Category	III
Certification	TUV