


Technical specification for Solar Extension cable

Ref. No		Solar Extension Cable Connector		Photo (The pictures are for reference only and subject to actual conditions.)			
Type		DC-DC (Double Ends)					
DC SOLAR PV CABLE							
Standard	—	TÜV/ EN50618:2014					
Cross Section	mm²	4mm²					
Construction Tinned copper wire	mm	56x0.285 (±0.015)					
Cable Od.	mm	5.6±0.2					
Jacket Material	—	125℃ Electron-beam Irradiated XLPO					
Cable Color	Male	Red					
	Female	Black					
Cable Length	m	customized					
Connector				Electrical Characteristics			
Type	—	PV004-EN		Rated Voltage: 1000V/1500V DC			
Insulation Material	—	PC EXL9330		Rated Current: 30A			
Contact materials		Tin plated copper		Protection Degree: IP67			
Number	Pair	2		Contact Resistance: ≤0.5mΩ			
Type of termination	—	Crimping		Ambient Temperature: -40℃~+90℃			
Inspection items				Flame Class: UL94V-O			
Facade	Surface should be clean and smooth,without scratches, burr and deformation.			Product features			
Conduction	Whether the connection between the positive and negative terminals of the connector is conduction.			1、Excellent anti-aging and uv-resistant, to meet the using under the outdoor harsh environmental conditions require.			
Assembly	When assembling, both sides of the buckle can be stuck in place, insertion force ≤50N, pulling force ≥50N			2、Snap-in Lock, easy to assemble,unbreakable			
				3、 MC4 Connector			
Packing specification				4、Apply to high current, high vottage, with low contact resistance, waterproof and dustproof design			
Packaging as required				APPROVED	CHECKED	DESIGNE	DDATE
Add: No.1, North of Zhongyi Avenue, Gulin Town, Haishu District, Ningbo, China 315100							