MC4 Connector 1500V IP68

1500V DC MC4 connector, IP68, PPO housing — the exact product covered by our TÜV Rheinland certificate.

TÜV R 50373614 | Item: PV-C-1500 | RoHS / REACH available



Key specifications

Product item	PV-C-1500
Rated voltage	1500V DC (TÜV)
Rated current	30A
Protection degree	IP68
Temperature range	-40°C ~ +85°C
Upper limit temperature	100°C
Housing material	PPO
Contact material	Copper, tin-plated
Cable cross section	1 × 4.0 mm² (other sizes on request)
Standard	IEC 62852:2014 / EN 62852:2015
Certificate	TÜV Rheinland No. R 50373614
Application class	Class A

Features & benefits

- TÜV Rheinland certified connector (certificate R 50373614)
- 1500V DC system voltage for modern utility-scale strings
- IP68 protection — suitable for submerged and harsh environments
- PPO insulation with excellent tracking resistance
- Consistent contact resistance over repeated mating cycles
- Available with pre-assembled cables on request

Typical applications

Utility-scale solar · C&I rooftops · Floating PV

Need a custom version? Cable length, connector type, colors, labels and packing can be customized. Send your drawing or sample to info@beyondsolar.cn.

Trade terms

MOQ	100–500 pcs per model (trial orders accepted)

Samples	Free samples 1–2 pcs; buyer pays courier; cost refunded on first bulk order
Lead time	Samples 3–7 working days; bulk 7–15 days (OEM 15–25 days)
Payment	T/T 30% deposit, 70% before shipment; L/C at sight for large orders
Incoterms	EXW / FOB Guangzhou or Shenzhen / CIF
Warranty	2 years against manufacturing defects; 25-year designed service life