


SPECIFICATION

STYLE	Photovoltaic connector	DOCUMEN NO	PNTK-P4-010
SIZE	PV004-2T1	Signature and seal of	If you do not sign back, this specification is used by default.
CONSTRUCTION FIGURE	 <p style="text-align: center;">RoHS</p>		

STANDARD BASIS

IEC 62852: 2014

Rated voltage	DC 1000V
Rated current	30A
Contact material	Tinned copper
Insulation material	PC/XLPO
Locking system	Locking type
Degree of protection	IP67
Ambient temperature range	-40°C~+85°C
Upper temperature limit	100°C
Contact resistance of plug connectors	≤0.5mΩ
Withstand voltage test	6.0KV, 1min
Flame class	UL94-V0
compatibility	Compatible with MC4 connectors
Salt spray test	Degree of severity 6
Damp heat test	No damage occurred which could impair normal use
Assemblability	Insertion force ≤50N, withdrawal force ≥50N
Connector pulling force	≥200N
Warranty period	Twenty-five years
Input/output cable specifications	1×4mm ² /1×4mm ²
Packing quantity	100 sets/box

PREPARED: Zhao Yong

CHECKED: Hu Youdong

APPROVED: Xu Hongbo

SPECIFICATION

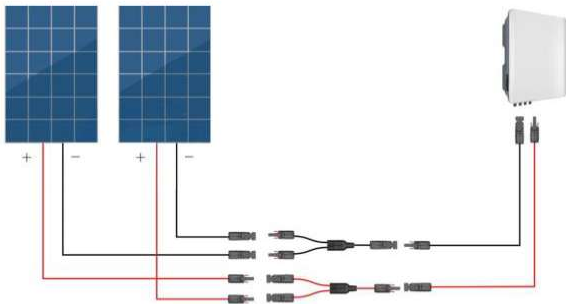
STYLE	Photovoltaic connector	DOCUMEN NO	PNTK-P4-010
SIZE	PV004-2T1	Signature and seal of	If you do not sign back, this specification is used by default.

Ways of Packing



100 Set/Box
The specific packaging method depends on the actual situation

Application scenario



Flowchart of the circuit



Deep water irrigation



Family roof



Greenhouse breeding



Fish farm breeding



Traffic signal lights



Parking charger

CERTIFICATE



No. 4Q240331.ZPTUN26

Test Report / Technical Construction File no. TCF-ZPTC240328-LVD

Certificate's Holder: ZHEJIANG PNTECH TECHNOLOGY CO.,LTD
Zhongyi Village, Gulin Town, Haishu District, Ningbo, Zhejiang, P.R. China

Certification ECM Mark



Product: Electric Connectors for Photovoltaic Systems
Model(s): (see the following annex)

Verification to: Standard:
IEC 62852:2014+AMD1:2020, EN 62852:2015/A1:2020
related to CE Directive(s):
2014/35/EU (Low Voltage)

Remark:

The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGVOL01 published on the website of www.entecerma.it and concerning voluntary certifications with a non-notified procedure.

Issuance date: 31 March 2024

Expiry date: 30 March 2029

For online check:



Approver
Ente Certificazione Macchine
Legal Representative
Luca Bedonni



