

# Connector

Type  
PV-LR5

**LONGi**  
LIFECYCLE QUALITY

## Technical data

Rated Current	40A/50A(IEC), 30A/40A(UL)
Rated Voltage	1500V(IEC) / 1500V(UL)
Cable Type	4mm <sup>2</sup> / 6mm <sup>2</sup>
OD of Suitable Cables	Type I $\phi 5.6\text{mm} < \text{OD} \leq \phi 6.6\text{mm}$
	Type II $\phi 6.6\text{mm} < \text{OD} \leq \phi 7.2\text{mm}$
	Type III $\phi 4.5\text{mm} \leq \text{OD} \leq \phi 5.6\text{mm}$
Degree of Protection, mated	IP68(1.2m, 1h)
Degree of Protection, unmated	IP2X
Ambient Temperature Range	-40°C~+85°C
Safety Class	II

Remark: Type I connectors are used for standard product, contact LONGi Customer Service in case for special requirements.

## Complete System and Product Certifications

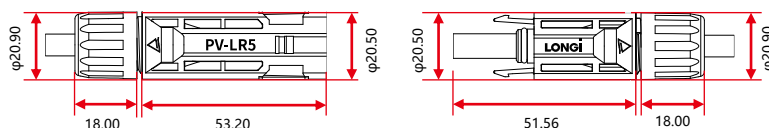
IEC 61215, IEC 61730, UL 61730

ISO 9001: 2015 ISO Quality Management System

ISO 14001: 2015 ISO Environment Management System

ISO 45001: 2015 ISO Occupational Health and Safety

TS 62941 Guideline for module design qualification and type approval



**LONGi**

No. 8369 Shang Yuan Road, Economic And  
Technological Development Zone, Xi'an, China  
Tel: +86-21-80162606  
www.longi.com

LONGi has the sole right to make  
such modification at anytime  
without further notice.  
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