





Product Service

# CERTIFICATE

No. Z2 099333 0054 Rev. 03

## Model(s):

LR6-72HV-xxxM, (xxx=320 to 350 in step of 5)  
 LR6-60HV-xxxM, (xxx=270 to 300 in step of 5)  
 LR6-72PH-xxxM, (xxx=340 to 385 in step of 5)  
 LR6-60PH-xxxM, (xxx=280 to 320 in step of 5)  
 LR6-72HPH-xxxM, (xxx=350 to 405 in step of 5)  
 LR6-72HIH-xxxM, (xxx=350 to 405 in step of 5)  
 LR6-60HPH-xxxM, (xxx=295 to 335 in step of 5)  
 LR6-60HIH-xxxM, (xxx=295 to 335 in step of 5)  
 LR6-72OPH-xxxM, (xxx=385 to 400 in step of 5)  
 LR6-60OPH-xxxM, (xxx=335 to 350 in step of 5)  
 LR6-72HPH-xxxMC, (xxx=375 to 390 in step of 5)  
 LR6-60HPH-xxxMC, (xxx=305 to 325 in step of 5)  
 LR4-72HPH-xxxM, (xxx=400 to 460 in step of 5)  
 LR4-72HIH-xxxM, (xxx=400 to 460 in step of 5)  
 LR4-60HPH-xxxM, (xxx=330 to 380 in step of 5)  
 LR4-60HIH-xxxM, (xxx=330 to 380 in step of 5)  
 LR4-72ZPH-xxxM, (xxx=420 to 435 in step of 5)  
 LR4-60ZPH-xxxM, (xxx=350 to 365 in step of 5)  
 LR6-60ZPH-xxxM, (xxx=330 to 355 in step of 5)  
 xxx is standing for rated output power at STC

## Parameters:

Application Class:	Class A
Maximum System Voltage:	1500 V DC
Fire Safety Class:	Class C
Construction:	Framed, with Junction box, cable and connector.

## Tested according to:

IEC 61215:2005  
 IEC 61730-1:2004  
 IEC 61730-1:2004/AMD1:2011  
 IEC 61730-1:2004/AMD2:2013  
 IEC 61730-2:2004  
 IEC 61730-2:2004/AMD1:2011  
 IEC 62716:2013

## Production Facility(ies):

099605, 099606, 099626, 090968, 001192, 002875, 096558, 097323, 102892, 103410, 103841

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A4 / 07.17





Product Service

# Attestation of Conformity

No. N8A 099333 0066 Rev. 02

## Model(s):

- LR6-72HV-xxxM, (xxx=335-360 in step of 5)
  - LR6-60HV-xxxM, (xxx=280-300 in step of 5)
  - LR6-72PH-xxxM, (xxx=340-380 in step of 5)
  - LR6-60PH-xxxM, (xxx=285-315 in step of 5)
  - LR6-72HPH-xxxM, (xxx=365-395 in step of 5)
  - LR6-72HIH-xxxM, (xxx=365-395 in step of 5)
  - LR6-60HPH-xxxM, (xxx=300-325, in step of 5)
  - LR6-60HIH-xxxM, (xxx=300-325 in step of 5)
  - LR6-72OPH-xxxM, (xxx=385-415 in step of 5)
  - LR6-60OPH-xxxM, (xxx=335-365 in step of 5)
  - LR6-72HPH-xxxMC, (xxx=375-390 in step of 5)
  - LR6-60HPH-xxxMC, (xxx=305-325 in step of 5)
  - LR6-60ZPH-xxxM, (xxx=330-355 in step of 5)
  - LR4-72HPH-xxxM, (xxx=420-455 in step of 5)
  - LR4-72HIH-xxxM, (xxx=420-440 in step of 5)
  - LR4-60HPH-xxxM, (xxx=350-375 in step of 5)
  - LR4-60HIH-xxxM, (xxx=350-370 in step of 5)
  - LR4-72ZPH-xxxM, (xxx=420-435 in step of 5)
  - LR4-60ZPH-xxxM, (xxx=350-365 in step of 5)
- xxx is standing for rated output power at STC

## Parameters:

Fire Safety Class:	Class C according to UL790
Safety Class:	Class II
Maximum System Voltage:	1500V DC
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute. No.10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P.R.China.
Construction:	Framed, with Junction box, cable and connector.

## Tested according to:

- EN IEC 61730-1:2018
- EN IEC 61730-1:2018/AC:2018-06
- EN IEC 61730-2:2018
- EN IEC 61730-2:2018/AC:2018-06

Page 2 of 2

After preparation of the necessary technical documentation as well as the EU declaration of conformity the required CE marking can be affixed on the product. The declaration of conformity is issued under the sole responsibility of the manufacturer. Other relevant EU-directives have to be observed.

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Product Service

# CERTIFICATE

No. Z2 099333 0045 Rev. 07

## Model(s):

LR6-72HV-xxxM, (xxx=335-360 in step of 5)  
 LR6-60HV-xxxM, (xxx=280-300 in step of 5)  
 LR6-72PH-xxxM, (xxx=340-380 in step of 5)  
 LR6-60PH-xxxM, (xxx=285-315 in step of 5)  
 LR6-72HPH-xxxM, (xxx=365-395 in step of 5)  
 LR6-72HIH-xxxM, (xxx=365-395 in step of 5)  
 LR6-60HPH-xxxM, (xxx=300-325, in step of 5)  
 LR6-60HIH-xxxM, (xxx=300-325 in step of 5)  
 LR6-72OPH-xxxM, (xxx=385-415 in step of 5)  
 LR6-60OPH-xxxM, (xxx=335-365 in step of 5)  
 LR6-72HPH-xxxMC, (xxx=375-390 in step of 5)  
 LR6-60HPH-xxxMC, (xxx=305-325 in step of 5)  
 LR6-60ZPH-xxxM, (xxx=330-355 in step of 5)  
 LR4-72HPH-xxxM, (xxx=420-455 in step of 5)  
 LR4-72HIH-xxxM, (xxx=420-440 in step of 5)  
 LR4-60HPH-xxxM, (xxx=350-375 in step of 5)  
 LR4-60HIH-xxxM, (xxx=350-370 in step of 5)  
 LR4-72ZPH-xxxM, (xxx=420-435 in step of 5)  
 LR4-60ZPH-xxxM, (xxx=350-365 in step of 5)  
 xxx is standing for rated output power at STC

## Parameters:

Fire Safety Class:	Class C according to UL790.
Safety Class:	Class II
Max. System Voltage:	1500V DC
Test Laboratory:	Yangzhou Opto-Electrical Products Testing Institute. No.10 West Kaifa Road, Yangzhou, 225009 Jiangsu, P.R.China.
Construction:	Framed, with Junction box, cable and connector.

## Tested according to:

IEC 61215-1:2016  
 IEC 61215-1-1:2016  
 IEC 61215-2:2016  
 IEC 61730-1:2016  
 IEC 61730-2:2016  
 EN 61215-1:2016  
 EN 61215-1-1:2016  
 EN 61215-2:2017  
 EN IEC 61730-1:2018  
 EN IEC 61730-1:2018/AC:2018-06  
 EN IEC 61730-2:2018  
 EN IEC 61730-2:2018/AC:2018-06

## Production Facility(ies):

099605, 099626, 099606, 090968, 001192, 002875,  
 096558, 102892, 097323, 103410, 103841

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Product Service

# CERTIFICATE

No. Z2 099333 0027 Rev. 03

## Model(s):

LR6-72HV-xxxM, (xxx=320 to 350 in step of 5)  
 LR6-60HV-xxxM, (xxx=270 to 300 in step of 5)  
 LR6-72PH-xxxM, (xxx=340 to 385 in step of 5)  
 LR6-60PH-xxxM, (xxx=280 to 320 in step of 5)  
 LR6-72HPH-xxxM, (xxx=350 to 405 in step of 5)  
 LR6-72HIH-xxxM, (xxx=350 to 405 in step of 5)  
 LR6-60HPH-xxxM, (xxx=295 to 335 in step of 5)  
 LR6-60HIH-xxxM, (xxx=295 to 335 in step of 5)  
 LR6-72OPH-xxxM, (xxx=385 to 400 in step of 5)  
 LR6-60OPH-xxxM, (xxx=335 to 350 in step of 5)  
 LR6-72HPH-xxxMC, (xxx=375 to 390 in step of 5)  
 LR6-60HPH-xxxMC, (xxx=305 to 325 in step of 5)  
 LR4-72HPH-xxxM, (xxx=400 to 460 in step of 5)  
 LR4-72HIH-xxxM, (xxx=400 to 460 in step of 5)  
 LR4-60HPH-xxxM, (xxx=330 to 380 in step of 5)  
 LR4-60HIH-xxxM, (xxx=330 to 380 in step of 5)  
 LR4-72ZPH-xxxM, (xxx=420 to 435 in step of 5)  
 LR4-60ZPH-xxxM, (xxx=350 to 365 in step of 5)  
 LR6-60ZPH-xxxM, (xxx=330 to 355 in step of 5)  
 xxx is standing for rated output power at STC

## Parameters:

Application Class:	Class A
Max. System Voltage:	1500V DC
Fire Safety Class:	Class C
Construction:	Framed, with Junction box, cable and connector.
Dust and Sand	
Test Method:	IEC 60068-2-68, LC1
Dust/sand Type:	95% SiO <sub>2</sub>
Dust /sand Concentration:	5g/m <sup>3</sup>
Testing Air Velocity:	20m/s
Test Duration:	4h/each side.

## Tested according to:

PPP 59022A:2013  
 IEC 61215:2005  
 IEC 61730-1:2004  
 IEC 61730-1:2004/AMD1:2011  
 IEC 61730-1:2004/AMD2:2013  
 IEC 61730-2:2004  
 IEC 61730-2:2004/AMD1:2011

## Production Facility(ies):

002875, 001192, 090968, 099626, 099605, 099606,  
 096558, 097323, 102892, 103410, 103841

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Product Service

# CERTIFICATE

No. Z2 099333 0053 Rev. 03

## Model(s):

LR6-72HV-xxxM, (xxx=320 to 350 in step of 5)  
 LR6-60HV-xxxM, (xxx=270 to 300 in step of 5)  
 LR6-72PH-xxxM, (xxx=340 to 385 in step of 5)  
 LR6-60PH-xxxM, (xxx=280 to 320 in step of 5)  
 LR6-72HPH-xxxM, (xxx=350 to 405 in step of 5)  
 LR6-72HIH-xxxM, (xxx=350 to 405 in step of 5)  
 LR6-60HPH-xxxM, (xxx=295 to 335 in step of 5)  
 LR6-60HIH-xxxM, (xxx=295 to 335 in step of 5)  
 LR6-72OPH-xxxM, (xxx=385 to 400 in step of 5)  
 LR6-60OPH-xxxM, (xxx=335 to 350 in step of 5)  
 LR6-72HPH-xxxMC, (xxx=375 to 390 in step of 5)  
 LR6-60HPH-xxxMC, (xxx=305 to 325 in step of 5)  
 LR4-72HPH-xxxM, (xxx=400 to 460 in step of 5)  
 LR4-72HIH-xxxM, (xxx=400 to 460 in step of 5)  
 LR4-60HPH-xxxM, (xxx=330 to 380 in step of 5)  
 LR4-60HIH-xxxM, (xxx=330 to 380 in step of 5)  
 LR4-72ZPH-xxxM, (xxx=420 to 435 in step of 5)  
 LR4-60ZPH-xxxM, (xxx=350 to 365 in step of 5)  
 LR6-60ZPH-xxxM, (xxx=330 to 355 in step of 5)  
 xxx is standing for rated output power at STC

## Parameters:

Fire Safety Class:	Class C
Application Class:	Class A
Max. System Voltage:	1500V DC
PID Test Condition:	Test method a of IEC TS 62804-1:2015 ±1500V DC, 96 hrs, 85 % RH, 85 °C.
Construction:	Framed, with Junction box, cable and connector.

## Tested according to:

PPP 58042B:2015  
 IEC 61215:2005  
 IEC 61730-1:2004  
 IEC 61730-1:2004/AMD1:2011  
 IEC 61730-1:2004/AMD2:2013  
 IEC 61730-2:2004  
 IEC 61730-2:2004/AMD1:2011

## Production Facility(ies):

099626, 099606, 090968, 001192, 096558, 099605,  
 002875, 097323, 102892, 103410, 103841

TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD TÜV SÜD  
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