Certificate
of conformity with the following European Directives

Registered No.:
44 799 23 406749 - 123

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2023-04-25	PVP04137/23P-03	492012428.002	2023-05-24	Essen

This is to certify that the following products comply to the essential requirements of the above mentioned European Directive and the following standards, taking into account the German national deviations:

Product: Crystalline Silicon Terrestrial Photovoltaic (PV) Modules

Type designation: See Annex 1

Applicant: **Leapton Solar (Changshu) Co., Ltd.**
No. 9, Sunshine Avenue, Yushan High Technology Industry Zone, Changshu City
Jiangsu Province, 215500, P.R. China

Standard(s): 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

This Certificate of conformity is based on the evaluation of samples of the product. It does not imply an assessment of the production and it does not permit the use of a mark of conformity or of a safety mark of the TÜV NORD CERT GmbH. The holder of this certificate may use this Certificate together with his EC-Declaration of Conformity.

Certification Body
Specialist Manager Consumer Products

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CE **The CE marking may be affixed on the product if all relevant and effective Directives are complied with.** CE

Description of product(s):

Module types:

PV Modules with 6" Poly-crystalline Silicon Solar Cells:

72 cells: LP156*156-P-72-***W(*** = 310-340, in increment of 5)
60 cells: LP156*156-P-60-***W(*** = 260-280, in increment of 5)
54 cells: LP156*156-P-54-***W(*** = 235-255, in increment of 5)
48 cells: LP156*156-P-48-***W(*** = 205-225, in increment of 5)
42 cells: LP156*156-P-42-***W(*** = 180-195, in increment of 5)
36 cells: LP156*156-P-36-***W(*** = 155-170, in increment of 5)
30 cells: LP156*156-P-30-***W(*** = 130-140, in increment of 5)

Module types:

PV Modules with 6" Half Cut Poly-crystalline Silicon Solar Cells:

144 cells: LP156*156-P-72-H-***W (*** = 335-370, in increment of 5)
120 cells: LP156*156-P-60-H-***W (*** = 280-305, in increment of 5)

Module types:

PV Modules with 6" Mono-crystalline Silicon Solar Cells:

72 cells: LP156*156-M-72-***W(*** = 310-375, in increment of 5)
60 cells: LP156*156-M-60-***W(*** = 260-310, in increment of 5)
54 cells: LP156*156-M-54-***W(*** = 235-270, in increment of 5)
48 cells: LP156*156-M-48-***W(*** = 205-240, in increment of 5)
42 cells: LP156*156-M-42-***W(*** = 185-210, in increment of 5)
36 cells: LP156*156-M-36-***W(*** = 160-180, in increment of 5)
30 cells: LP156*156-M-30-***W(*** = 135-150, in increment of 5)
72 cells: LP158*158-M-72-***W(*** = 380-395, in increment of 5)
60 cells: LP158*158-M-60-***W(*** = 320-330, in increment of 5)

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Module types:

PV Modules with 6" Half Cut Mono-crystalline Silicon Solar Cells:

144 cells: LP158*158-M-72-H-***W (*** = 365-400, in increment of 5)
132 cells: LP158*158-M-66-H-***W (*** = 335-365, in increment of 5)
120 cells: LP158*158-M-60-H-***W (*** = 305-330, in increment of 5)
144 cells: LP158*158-M-72-MH-***W (*** = 390-410, in increment of 5)
132 cells: LP158*158-M-66-MH-***W (*** = 360-375, in increment of 5)
120 cells: LP158*158-M-60-MH-***W (*** = 325-340, in increment of 5)
144 cells: LP166*166-M-72-MH-***W (*** = 420-455, in increment of 5)
132 cells: LP166*166-M-66-MH-***W (*** = 385-415, in increment of 5)
120 cells: LP166*166-M-60-MH-***W (*** = 350-380, in increment of 5)

Module types:

PV Modules with 7" Half Cut Mono-crystalline Silicon Solar Cells:

156 cells: LP182*182-M-78-MH-***W (*** = 560-605, in increment of 5)
144 cells: LP182*182-M-72-MH-***W (*** = 515-570, in increment of 5)
132 cells: LP182*182-M-66-MH-***W (*** = 475-520, in increment of 5)
120 cells: LP182*182-M-60-MH-***W (*** = 430-475, in increment of 5)
108 cells: LP182*182-M-54-MH-***W (*** = 390-425, in increment of 5)

Module types:

PV Modules with 8" Half Cut Mono-crystalline Silicon Solar Cells:

132 cells: LP210*210-M-66-MH-***W (*** = 630-670, in increment of 5)
120 cells: LP210*210-M-60-MH-***W (*** = 575-610, in increment of 5)
108 cells: LP210*210-M-54-MH-***W (*** = 515-545, in increment of 5)
96 cells: LP210*210-M-48-MH-***W (*** = 460-485, in increment of 5)
84 cells: LP210*210-M-42-MH-***W (*** = 400-425, in increment of 5)
110 cells: LP210*210-M-55-MH-***W (*** = 520-555, in increment of 5)
100 cells: LP210*210-M-50-MH-***W (*** = 475-505, in increment of 5)
90 cells: LP210*210-M-45-MH-***W (*** = 425-455, in increment of 5)
80 cells: LP210*210-M-40-MH-***W (*** = 380-400, in increment of 5)

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Module types:

PV Modules with half-cut 7" n-type Topcon Bifacial Mono Solar Cells:

156 cells: LP182*182-M-78-NH-***W (*** = 580-625, in increment of 5)

144 cells: LP182*182-M-72-NH-***W (*** = 555-600, in increment of 5)

132 cells: LP182*182-M-66-NH-***W (*** = 510-550, in increment of 5)

120 cells: LP182*182-M-60-NH-***W (*** = 460-500, in increment of 5)

108 cells: LP182*182-M-54-NH-***W (*** = 410-450, in increment of 5)

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