

Certificate of conformity with the following European Directives

Registered No.:
44 799 24 406749 - 251

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2023-12-15	PVP10113/23P-04	492013112.001	2024-07-24	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

Certificate holder: **Lepton 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, the CE marking may be affixed on the product if all relevant and effective Directives are complied with, under full responsibility of the holder.



Certification Body
Specialist Manager Consumer Products

TÜV NORD CERT GmbH
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Description of product(s):

Module types: **PV Modules with Half-cut 210*210mm Mono-crystalline Silicon Solar Cells:**
132 cells: LP210*210-M-66-MH-***W (***) = 630-665, in increment of 5)
120 cells: LP210*210-M-60-MH-***W (***) = 575-605, 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 (***) = 460-480, in increment of 5)
84 cells: LP210*210-M-42-MH-***W (***) = 400-420, in increment of 5)

Module types: **PV Modules with Half-cut 182*182/188mm n-type TOPCon Bifacial Silicon 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)

Module types: **PV Modules with Half-cut 182*210mm n-type TOPCon Bifacial Silicon Solar Cells:**
132 cells: LP182*210-M-66-NH-***W (***) = 580-635, in increment of 5)
120 cells: LP182*210-M-60-NH-***W (***) = 530-575, in increment of 5)
108 cells: LP182*210-M-54-NH-***W (***) = 475-520, in increment of 5)
96 cells: LP182*210-M-48-NH-***W (***) = 420-460, in increment of 5)

Module types: **PV Modules with Half-cut 182*199/191mm n-type TOPCon Bifacial Silicon Solar Cells:**
144 cells: LP182*199-M-72-NH-***W (***) = 570-655, in increment of 5)
132 cells: LP182*199-M-66-NH-***W (***) = 525-600, in increment of 5)
120 cells: LP182*199-M-60-NH-***W (***) = 475-545, in increment of 5)
108 cells: LP182*199-M-54-NH-***W (***) = 430-490, in increment of 5)



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Module types:

PV Modules with Half-cut 210*210mm n-type TOPCon Bifacial Silicon Solar Cells:

132 cells: LP210*210-M-66-NH-***W (***) = 675-700, in increment of 5)

120 cells: LP210*210-M-60-NH-***W (***) = 615-635, in increment of 5)

108 cells: LP210*210-M-54-NH-***W (***) = 555-570, in increment of 5)

96 cells: LP210*210-M-48-NH-***W (***) = 490-510, in increment of 5)

84 cells: LP210*210-M-42-NH-***W (***) = 430-445, in increment of 5)



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2024-06-07	PVP05178/24P-02	492013113.002	2024-07-24	Essen

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Email: prodcert@tuev-nord.de

Description of product(s):

Module types:

Double Glass PV Modules with Half-cut 210*210mm n-type TOPCon Bifacial Silicon Solar Cells:

132 cells: LP210*210-M-66-NB-***W (***) = 665-730, in increment of 5)

120 cells: LP210*210-M-60-NB-***W (***) = 610-665, in increment of 5)

108 cells: LP210*210-M-54-NB-***W (***) = 550-595, in increment of 5)

96 cells: LP210*210-M-48-NB-***W (***) = 490-530, in increment of 5)

84 cells: LP210*210-M-42-NB-***W (***) = 430-465, in increment of 5)

*** indicates rated output power generated from front side under STC

Module types:

Double Glass PV Modules with Half-cut 182*182/188mm n-type TOPCon Bifacial Silicon Solar Cells:

156 cells: LP182*182-M-78-NB-***W (***) = 580-620, in increment of 5)

144 cells: LP182*182-M-72-NB-***W (***) = 535-600, in increment of 5)

132 cells: LP182*182-M-66-NB-***W (***) = 490-550, in increment of 5)

120 cells: LP182*182-M-60-NB-***W (***) = 445-500, in increment of 5)

108 cells: LP182*182-M-54-NB-***W (***) = 400-450, in increment of 5)

*** indicates rated output power generated from front side under STC

Module types:

Double Glass PV Modules with Half-cut 182*210mm n-type TOPCon Bifacial Silicon Solar Cells:

132 cells: LP182*210-M-66-NB-***W (***) = 580-630, in increment of 5)

120 cells: LP182*210-M-60-NB-***W (***) = 530-570, in increment of 5)

108 cells: LP182*210-M-54-NB-***W (***) = 475-515, in increment of 5)

96 cells: LP182*210-M-48-NB-***W (***) = 420-455, in increment of 5)

*** indicates rated output power generated from front side under STC

Module types:

Double Glass PV Modules with Half-cut 182*199/191mm n-type TOPCon Bifacial Silicon Solar Cells:

144 cells: LP182*199-M-72-NB-***W (***) = 570-655, in increment of 5)

132 cells: LP182*199-M-66-NB-***W (***) = 525-600, in increment of 5)

120 cells: LP182*199-M-60-NB-***W (***) = 475-545, in increment of 5)

108 cells: LP182*199-M-54-NB-***W (***) = 430-490, in increment of 5)

*** indicates rated output power generated from front side under STC



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