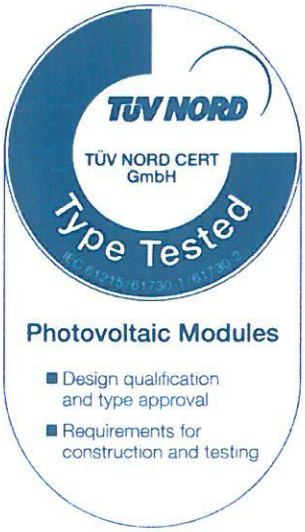
CERTIFICATE

TÜV NORD CERT GmbH
herewith declares that

Solarborn Inc
337N VINEYARD AVE STE 428 CA91764 ONTARIO
California, the United States

is authorized to provide the product mentioned below with the mark as illustrated:



Description of product (details see Annex 2):

PV Modules with 6" Mono-crystalline Silicon Solar Cells

PV Modules with 5" Mono-crystalline Silicon Solar Cells

Valid until: 2023-12-03

Tested according to:	IEC / EN 61215:2005; IEC 61730-1:2004 + AMD1:2011 + AMD2:2013 / EN 61730-1:2007 + A1:2012 + A2:2013 + A11:2014; IEC 61730-2:2004 + AMD1:2011 / EN 61730-2:2007 + A1:2012.
Registered No.:	44 780 19 406749 - 208
Manufacturer:	see Annex 1
Test Report No.:	492011229.002
File No.:	SHV06080/19

TÜV NORD CERT GmbH
Certification Body
Consumer Products

Essen, 2019-07-11

Please also pay attention to the information stated overleaf.

TÜV NORD CERT GmbH Langemarckstr. 20 45141 Essen www.tuev-nord-cert.de
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Manufacturer:

Manufacturer:	**Ningbo Qixin Solar Electrical Appliance Co., Ltd.** NO.37 Jingang Road, Binhai Industrial Park, Xiangshan County Ningbo City, Zhejiang Province, 315700, P.R. China
Factory inspection report no.:	862010204.006

Remark:

Factory inspection is mandatory to be performed annually. Please refer to factory inspection report for detailed information.

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Description of product(s):

Module types:	**PV Modules with 6"Mono-crystalline Silicon Solar Cells:** (a)72 cells: SLB72M6-xxx (xxx=265 to 385 with increment of 5) (b)72 cells: SLB72CM6-xxx (xxx=220 to 260 with increment of 5) (c)60 cells: SLB60M6-xxx (xxx=220 to 320 with increment of 5) (d)54 cells: SLB54M6-xxx (xxx=200 to 285 with increment of 5) (e)48 cells: SLB48M6-xxx (xxx=175 to 255 with increment of 5) (f)36 cells: SLB36M6-xxx (xxx=125 to 190 with increment of 5) (g)36 cells: SLB36M6-xxx (xxx=5 to 130 with increment of 5, with sliced cell)
Maximum system voltage:	1000V
Fuse rating:	Series (a), (b), (c), (d), (e), (f) 15A; series (g) 12A
Application class:	Class A
Electrical protection class:	Class II
Fire safety class:	Class C
Rated mechanical load:	Series (a), (b), (c), (d), (e), (f) 5400Pa; series (g) 2400Pa

Module types:	**PV Modules with 5" Mono-crystalline Silicon Solar Cells:** (h)96 cells: SLB96M5-xxx (xxx=230 to 280 with increment of 5) (i)80 cells: SLB80M5-xxx (xxx=195 to 230 with increment of 5) (j)72 cells:SLB72M5-xxx(xxx=175 to 210 with increment of 5) (k)48 cells: SLB48M5-xxx (xxx=115 to 140 with increment of 5) (l)36 cells: SLB36M5-xxx (xxx=75 to 105 with increment of 5)
Maximum system voltage:	1000V
Fuse rating:	15A
Application class:	Class A
Electrical protection class:	Class II
Fire safety class:	Class C
Rated mechanical load:	5400Pa

Remark:
For detailed product information, please refer to CDF (Constructional Data Form) in Annex 1 of test report.

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TÜV NORD

Certificate of conformity with the following European Directives

Registered No.:
44 799 19 406749 - 038

Low-Voltage Directive 2014/35/EU

Date of application	File reference	Test report No.	Date of issue	Place of issue
2019-07-01	SHV06080/19	492011229.002	2019-07-11	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: **Solarborn Inc**
337N VINEYARD AVE STE 428 CA91764 ONTARIO
California, the United States

Standard(s): EN 61730-1:2007+A1:2012+A2:2013+A11:2014; EN 61730-2:2007+A1:2012

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" Mono-crystalline Silicon Solar Cells:

(a)72 cells: SLB72M6-xxx (xxx=265 to 385 with increment of 5)
(b)72 cells: SLB72CM6-xxx (xxx=220 to 260 with increment of 5)
(c)60 cells: SLB60M6-xxx (xxx=220 to 320 with increment of 5)
(d)54 cells: SLB54M6-xxx (xxx=200 to 285 with increment of 5)
(e)48 cells: SLB48M6-xxx (xxx=175 to 255 with increment of 5)
(f)36 cells: SLB36M6-xxx (xxx=125 to 190 with increment of 5)
(g)36 cells: SLB36M6-xxx (xxx=5 to 130 with increment of 5, with sliced cell)

PV Modules with 5" Mono-crystalline Silicon Solar Cells:

(h)96 cells: SLB96M5-xxx (xxx=230 to 280 with increment of 5)
(i)80 cells: SLB80M5-xxx (xxx=195 to 230 with increment of 5)
(j)72 cells:SLB72M5-xxx(xxx=175 to 210 with increment of 5)
(k)48 cells: SLB48M5-xxx (xxx=115 to 140 with increment of 5)
(l)36 cells: SLB36M5-xxx (xxx=75 to 105 with increment of 5)

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Module types:

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

(m)72 cells: SLB72P6-xxx (xxx=255 to 360 with increment of 5)
(n)72 cells: SLB72CP6-xxx (xxx=215 to 255 with increment of 5)
(o)72 cells: SLB72BP6-xxx (xxx=210 to 250 with increment of 5)
(p)72 cells: SLB72AP6-xxx (xxx=205 to 245 with increment of 5)
(q)60 cells: SLB60P6-xxx (xxx=215 to 300 with increment of 5)
(r)60 cells: SLB60FP6-xxx (xxx=210 to 250 with increment of 5)
(s)54 cells: SLB54P6-xxx (xxx=195 to 270 with increment of 5)
(t)48 cells: SLB48P6-xxx (xxx=170 to 240 with increment of 5)
(u)36 cells: SLB36P6-xxx (xxx=125 to 180 with increment of 5)
(v)36 cells: SLB36P6-xxx (xxx=5 to 130 with increment of 5, xxx=51, with sliced cell)

PV Modules with 5" Poly-crystalline Silicon Solar Cells:

(w)96 cells: SLB96P5-xxx (xxx=220 to 260 with increment of 5)
(x)72 cells: SLB72P5-xxx (xxx=165 to 195 with increment of 5)
(y)48 cells: SLB48P5-xxx (xxx=110 to 130 with increment of 5)
(z)36 cells: SLB36P5-xxx (xxx=85 to 100 with increment of 5)

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