

This authorizes the application of the Certification Mark(s) shown below to the models described in the Product(s) Covered section when made in accordance with the conditions set forth in the Certification Agreement and Listing Report. This authorization also applies to multiple listee model(s) identified on the correlation page of the Listing Report.

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Applicant: YUNCHENG SOLAR USA

Manufacturer: PT THORNOVA SOLAR INDONESIA

Address: 3340 WALNUT AVENUESUITE 294
FREMONT, CA 94538

Address: Jalan Brigjen Katamso, Kel. Tanjung
Uncang, Kec. Batu Aji, Kota Batam,
Provinsi Kepulauan Riau, 29466

Country: USA

Country: Indonesia

Party Authorized To Apply Mark: Same as Manufacturer
Report Issuing Office: Intertek Testing Services (Shanghai FTZ) Co., Ltd

Control Number: 5030618

Authorized by: _____

Chandler Jarboe
for L. Matthew Snyder, Certification Manager



This document supersedes all previous Authorizations to Mark for the noted Report Number.

This Authorization to Mark is for the exclusive use of Intertek's Client and is provided pursuant to the Certification agreement between Intertek and its Client. Intertek's responsibility and liability are limited to the terms and conditions of the agreement. Intertek assumes no liability to any party, other than to the Client in accordance with the agreement, for any loss, expense or damage occasioned by the use of this Authorization to Mark. Only the Client is authorized to permit copying or distribution of this Authorization to Mark and then only in its entirety. Use of Intertek's Certification mark is restricted to the conditions laid out in the agreement and in this Authorization to Mark. Any further use of the Intertek name for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. Initial Factory Assessments and Follow up Services are for the purpose of assuring appropriate usage of the Certification mark in accordance with the agreement, they are not for the purposes of production quality control and do not relieve the Client of their obligations in this respect.

Intertek Testing Services NA Inc.
545 East Algonquin Road, Arlington Heights, IL 60005
Telephone 800-345-3851 or 847-439-5667 Fax 312-283-1672

	<p>Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction [UL 61730-1:2022 Ed.2]</p> <p>Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing [UL 61730-2:2022 Ed.2+R:10Nov2023]</p> <p>Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction [CSA C22.2#61730-1:2019 Ed.2]</p> <p>Standard(s): Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing [CSA C22.2#61730-2:2019 Ed.2]</p> <p>Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1: Test Requirements [UL 61215-1:2021 Ed.2]</p> <p>Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1-1: Special Requirements for Testing of Crystalline Silicon Photovoltaic (PV) Modules [UL 61215-1-1:2021 Ed.2]</p> <p>Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 2: Test Procedures [UL 61215-2:2021 Ed.2]</p>
Product:	Crystalline Silicon Photovoltaic (PV) Modules
Brand Name:	THORNOVA SOLAR
Models:	<p>TS-BG78(followed by 575, 580, 585, 590, 595, 600, 605 or 610; followed by) or)-X. TS-BG72(followed by 530, 535, 540, 545, 550, 555, 560 or 565; followed by) or)-X. TS-BG66(followed by 485, 490, 495, 500, 505, 510 or 515; followed by) or)-X. TS-BG60(followed by 440, 445, 450, 455, 460, 465 or 470; followed by) or)-X. TS-BG54(followed by 400, 405, 410, 415, 420 or 425; followed by) or)-X. TS-BG72(followed by 440, 445, 450, 455 or 460; followed by). TS-BG60(followed by 365, 370, 375, 380 or 385; followed by). TS-BG54(followed by 330, 335, 340 or 345; followed by) or). TS-BGT54(followed by 420, 425, 430, 435, 440, 445, 450, 455 or 460; followed by) or)-X. TS-BGT60(followed by 465, 470, 475, 480, 485, 490, 495, 500, 505 or 510; followed by) or)-X. TS-BGT66(followed by 515, 520, 525, 530, 535, 540, 545, 550, 555 or 560; followed by) or)-X. TS-BGT72(followed by 560, 565, 570, 575, 580, 585, 590, 595, 600, 605, 610 or 615; followed by) or)-X. TS-BGT78(followed by 605, 610, 615, 620, 625, 630, 635, 640, 645, 650, 655, 660 or 665; followed by) or)-X. TS-BGT66(followed by 680, 685, 690, 695, 700, 705, 710, 715, 720, 725 or 730; followed by)-G12 or)-G12-X. TS-BGT60(followed by 620, 625, 630, 635, 640, 645, 650, 655, 660 or 665; followed by)-G12 or)-G12-X. TS-BGT48(followed by 435, 440, 445 or 450; followed by)-G12R or)-G12R-X. TS-BGT54(followed by 485, 490, 495, 500 or 505; followed by)-G12R or)-G12R-X. TS-BGT60(followed by 545, 550, 555, 560 or 565; followed by)-G12R or)-G12R-X. TS-BGT66(followed by 595, 600, 605, 610, 615 or 620; followed by)-G12R or)-G12R-X.</p>