

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.

This document is the property of Intertek Testing Services and is not transferable. The certification mark(s) may be applied only at the location of the Party Authorized To Apply Mark.

<b>Applicant:</b>	Hanersun Energy Co., Ltd.	<b>Manufacturer:</b>	Hanersun Cleantech Co., Ltd.
<b>Address:</b>	10F, B4 Block, No.19 Suyuan Avenue, Jiangning District, Nanjing, Jiangsu Province, 211100	<b>Address:</b>	Intersection of Xuanzhi Road and Fuxing Road at the Intelligent Manufacturing Base of Motor, Pump and Valve in Jingxian County Xuancheng, Anhui Province, 242500
<b>Country:</b>	China	<b>Country:</b>	China
<b>Party Authorized To Apply Mark:</b>	Same as Manufacturer		
<b>Report Issuing Office:</b>	Intertek Testing Services (Shanghai FTZ) Co., Ltd		
<b>Control Number:</b>	<u>5030897</u>	<b>Authorized by:</b>	 _____
			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.

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<b>Standard(s):</b>	Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 1: Test Requirements [UL 61215-1:2021 Ed.2]
	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]
	Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval - Part 2: Test Procedures [UL 61215-2:2021 Ed.2]
	Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction [UL 61730-1:2022 Ed.2]
	Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing [UL 61730-2:2022 Ed.2+R:25Apr2023]
	Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements For Construction [CSA C22.2#61730-1:2019 Ed.2]
	Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements For Testing [CSA C22.2#61730-2:2019 Ed.2]

<b>Product:</b>	Crystalline Silicon Photovoltaic (PV) Modules
<b>Brand Name:</b>	Hanersun
<b>Models:</b>	HN21N-followed by 66HT; followed by 705, 700, 695, 690, 685, 680, 675 or 670; followed by W HN21N-followed by 60HT; followed by 640, 635, 630, 625, 620, 615 or 610; followed by W HN21RN-followed by 66HT; followed by 630, 625, 620, 615, 610, 605 or 600; followed by W HN21RN-followed by 48HT; followed by 455, 450, 445, 440, 435 or 430; followed by W HN19RN-followed by 72HT; followed by 630, 625, 620, 615, 610, 605 or 600; followed by W HN19RN-followed by 60HT; followed by 525, 520, 515, 510, 505 or 500; followed by W HN18N-followed by 78HT; followed by 645, 640, 635, 630, 625, 620 or 615; followed by W HN18N-followed by 72HT; followed by 595, 590, 585, 580, 575 or 570; followed by W HN18N-followed by 66HT; followed by 545, 540, 535, 530, 525 or 520; followed by W HN18N-followed by 60HT; followed by 495, 490, 485, 480 or 475; followed by W HN18N-followed by 54HT; followed by 445, 440, 435, 430 or 425; followed by W HN18N-followed by 32HT; followed by 265, 260, 255 or 250; followed by W HN18N-followed by 16HT; followed by 130 or 125; followed by W