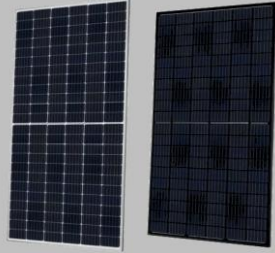




Crystalline Silicon
Terrestrial Photovoltaic
Modules



Example – Picture of the Product



www.VDEinfo.com
ID. 40032587

VDE Testing and
Certification
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Evaluation of safety and reliability

Low-voltage Directive	2014/35/EU	<input checked="" type="checkbox"/>
Electrical Safety	EN/IEC 61730-1, EN/IEC 61730-2	<input checked="" type="checkbox"/>
Reliability	EN/IEC 61215	<input checked="" type="checkbox"/>
Factory Surveillance	VDE PM 434	<input checked="" type="checkbox"/>
Enhanced Reliability and Factory Surveillance	VDE testing guideline VDE-QT-PV-001	<input checked="" type="checkbox"/>

Specifications

Manufacturer	Hanwha Q.CELLS GmbH Sonnenallee 17 – 21, 06766 Bitterfeld-Wolfen	
Trademark		
Factory Locations	#30018653, #30023330, #30023399	
Model / Type	H) Q.PEAK DUO L-GY.Y XXX I) Q.PEAK DUO GY XXX, Q.PEAK DUO BLK-GY XXX (XXX replaces the power at STC) (Y replaces the version and can be any number between 1 and 9)	

Technical Features

Power at STC	H) 360 - 395 W	I) 290 – 340 W
Maximum System Voltage	H) DC 1500 V	I) DC 1000 V
Class	II	
Application Class	A	
Fire Rating	C	
Maximum Reverse Current	20 A	
Mechanical Load	Qualified for heavy loads of snow and ice (Test load 5400 Pa)	

Evaluation of Quality Characteristics

high reliability	<ul style="list-style-type: none"> ▪ Testing with increased number of testing samples <input checked="" type="checkbox"/> ▪ Testing with enhanced testing time and number of cycles <input checked="" type="checkbox"/>
low degradation	<ul style="list-style-type: none"> ▪ Tightened pass/fail- criteria <input checked="" type="checkbox"/> ▪ Maximum permitted degradation of the power of 5% over the enhanced test sequence <input checked="" type="checkbox"/>
optimized durability	<ul style="list-style-type: none"> ▪ Additionally dynamic mechanical load test <input checked="" type="checkbox"/> ▪ Robustness of terminations test with increased force <input checked="" type="checkbox"/>
continuous line monitoring	<ul style="list-style-type: none"> ▪ Tightened and upgraded requirements within the 100% routine test <input checked="" type="checkbox"/> ▪ Quarterly testing on samples collected from the running lines of each factory <input checked="" type="checkbox"/>

Important Information

This special certificate serves as evidence for the product characteristics mentioned. The use of the mark for promotional purposes is at the own risk and liability of the manufacturer / supplier.