





Prüfbericht-Nr.: 19630441.007  
Test Report No.:

Seite 3 von 11  
Page 3 of 11

**Produktbeschreibung**  
**Product description**

**1 Produktdetails**  
*Product details*

HST72F355P, HST72F350P, HST72F345P, HST72F340P, HST72F335P, HST72F330P, HST72F325P, HST72F320P, HST72F315P, HST72F310P, HST72F305P, HST72F300P, HST72F295P

**2 Verwendete Materialien**  
*Used materials*

Refer constructional characteristics in the "List of test samples"

**3 Adresse(n) der Fertigungsstätte(n)**  
*Address(es) of the manufacturing site(s)*

SWELECT Energy Systems Ltd, (HHV Solar Technologies Limited, PV Panel Division), # 31,32,33,34 & 37 KIADB Industrial Area, Phase-1,Dabaspeta,Nelamangala Taluk, Bangalore Rural District -562111, India

**4 Zusammenfassung der Prüfergebnisse**  
*Summary of test results*

"According to the enquiry of the manufacturer for a testing against PID resistivity shall be performed according to IEC TS 62804 with following severities –

- Negative potential of the specified maximum system voltage between the shorted output terminals and the frame(ground), - 1000V DC
- Climatic conditions: 85°C and 85% RH
- Duration: 288 hours

Before and after the PID test, Visual inspection, maximum power determination, Ground continuity and documentation by electroluminescence imaging shall be performed.

In line with the international standard for PV module type approval testing EN IEC 61215, two modules will be tested. One additional module will be used as a reference sample.

**Pass Criteria:**

A module design shall be judged to have passed the PID test , if each test sample meets all the following criteria:

- The degradation of maximum output power does not exceed 5%.
- No evidence of a major visual defect (as defined in IEC 61215)

**All presented results are only valid for the exact tested module type and design (cell type, encapsulation material, glass type)**

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Absatz	<b>Solar Photovoltaic Modules</b>	Messergebnisse - Bemerkungen	Bewertung
Clause	Anforderungen - Prüfungen / Requirements - Tests	Measuring results - Remarks	Evaluation

—	<b>Test specification</b>		
Photovoltaic (PV) modules – Test methods for the detection of potential-induced degradation - Part 1: Crystalline silicon	IEC TS 62804-1:2015-08, Edition 1.0	—	

—	<b>Marking</b>		
Name, monogram or symbol of manufacturer	On Type label and on module front	P	
Type or model number	On Type label	P	
Serial number	On laminate from front side	P	
Polarity of terminals or leads	On JB and cable	P	
Maximum system voltage	On Type label	P	
Date and place of manufacture	Date traceable from serial number and Manufacturing address mentioned on type label	P	

-	<b>List of test samples</b>		
Sample No.	Sample S/N	Type/Model	Remarks/constructional characteristics (e.g. cell, back sheet, frame type)
A000861818-001	5218YG72BFPA517	HST72F335P	Cell: Gintech-5BB Multi crystalline Back Sheet: Isovoltic-ICOSOLAR CPO 3G Front EVA: : F406PS/Back EVA: F806PS Glass: Dongguan CSG-- 3.2mm ARC coated JB: Tonglin Electric -TL-BOX026-ienp
A000861818-002	5218YG72BFPA516	HST72F335P	
A000861818-003	5218YG72BFPA513	HST72F335P	