



# TEST REPORT

## जाँच रिपोर्ट



Government of India

भारत सरकार

Ministry of Electronics & Information Technology

इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय

Standardisation Testing & Quality Certification Directorate

मानकीकरण परीक्षण और गुणवत्ता प्रमाणन निदेशालय

## ELECTRONICS TEST & DEVELOPMENT CENTRE

## इलेक्ट्रॉनिकी परीक्षण तथा विकास केन्द्र

Dr. VSI Estate, Thiruvananthapuram, Chennai - 600 041.

डॉ. वि.एस.आई. एस्टेट, तिरुवान्मियूर, चेन्नई - 600 041.

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**ELECTRONICS TEST & DEVELOPMENT CENTRE, CHENNAI**  
STQC Directorate, Ministry of Electronics & Information Technology  
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TC-7951

**TEST REPORT**

Test Report No. **ETDC(CN)/2020/52557**  
Date : 24.02.2021

**ULR-TC795121200000015F**  
Page 01 of 02

1.1	Service Request Form No. & Date	21639/2020-21	17/02/2021
1.2	Name & Address of the Customer	M/s. Geesys Technologies India Pvt LTD, 33A, Alandur Salai, Saidapet Chennai- 600 015.	
1.3	Description of Test Item (s)	Nomenclature:	Solar ACDB
		Make	Geesys
		Model	String Shield
		Sl. No.	GISJB50200003
	Number of items tested	One	
	Condition of item on receipt	Good	
1.4	Date of receipt of item	17.02.2021	
	Date of completion of testing	22.02.2021	
1.5	Place where testing carried out	ETDC, Chennai	
1.6	Applicable standard/specification	As per IEC 60529:2013 Spec. Category - II	
	Test method / procedure	IP 65 Test	
1.7	Environmental Conditions	Temperature : 27°C ± 2.0 °C	Relative Humidity : 50 % ± 15 %
1.8	Details of Major equipment used		
Sl. No.	Equipment Used	Calibration Agency/ Report Reference	Calibration Valid up to
1	Dust Chamber, Kaleidoscope	MSIR/410920/72-001	14.09.2021
2	Flow meter, Vatturkar	FCRI/WFL/C/2020/639	21.10.2021

Tested by  
R.Asokan



Authorized Signatory  
R.Asokan



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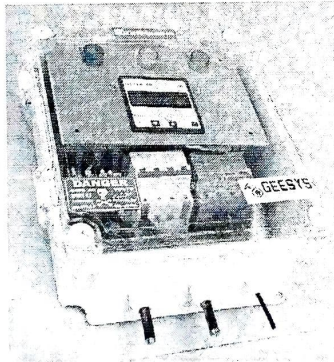
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Page 02 of 02

**2.0 TEST RESULTS:**

Sl. No.	Cl. No.	Test Details	Requirement	Results	Remarks
2.1	--	<b>Dust Tight (IP 6X)</b> Dust type: Talcum Powder Test duration: 8 hr	No deposit of dust inside the equipment.	Dust not entered inside the equipment.	P
2.2	--	<b>Protected Against Water Jets (IP-X5)</b> Nozzle dia: 6.3 mm Distance: 3 meters Duration: 3 minutes	Water projected by a nozzle against the from equipment any direction shall have no harmful effects.	Water not entered inside the equipment.	P

Photograph

P → Passed (Meets requirement); F → Failed (Does not meet requirement); NA → Limits of Performance Not Applicable

Tested by  
R.Asokan

Authorized Signatory

**R. ASOKAN**  
SCIENTIST 'C'

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Issued by

**N. PADMINI**  
SCIENTIST 'D'

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