



# राष्ट्रीय सौर ऊर्जा संस्थान

(नवीन और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार का एक स्वायत्त संस्थान)

## National Institute of Solar Energy

(An Autonomous Institute of Ministry of New and Renewable Energy, Govt. of India)

गुरुग्राम - फरीदाबाद मार्ग, ग्वाल पहाड़ी, गुरुग्राम – 122003, हरियाणा, भारत

Gurugram - Faridabad Road, Gwal Pahari, Gurugram – 122003, Haryana, India

### Service Request Form No. 03

#### (Secondary Cells and Batteries for Solar Photovoltaic Applications)

1.	<b>File No.</b> (To be filled by office)	
2.	<b>Job No.</b> (To be filled by office)	
3.	<b>Requested By</b> (Name)	
	<b>Address of Company /Individuals (in Capital letters)</b>	
	<b>Contact Details-</b>  Email id: Mobile: Landline:	
	<b>PAN:</b>	<b>GST:</b>
4.	<b>a) Manufactured By</b>	
	<b>b) Date of Submission of Samples</b>	
	<b>c) Condition of samples on receipt</b>	
	<b>d) Testing procedure / Standards</b>	
	<b>e) Services and type of test requested</b>	
5.	<b>Name of Authorized Contact Person with Mobile Number, Email id:</b>	



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We hereby place an order on you for the services and type of test required as described below:

Sr. No.	Test as per IS 16270/IS 13369/IS 15549/IS 1651	Fees per sample (INR)			Tentative no. of working days	No of Samples	Total (in INR)
		0-100Ah (INR)	101-500Ah (INR)	>500Ah (INR)			
1.	Capacity Test	31,800/-	35,400/-	37,400/-	20 (Lead acid) 10 (VRLA)		
2.	Efficiency Test	31,800/-	35,400/-	37,400/-	3		
3.	Charge Retention	31,500/-	32,500/-	33,500/-	32		
4.	*Endurance Test	1,19,700/-	1,21,000/-	1,22,000/-	100		
5.	Sulphation Test	21,800/-	22,200/-	22,200/-	15 (Lead acid) 8(VRLA)		
6.	*Water Loss Test	40,500/-	40,900/-	41,900/-	25		
7.	*Equilibrium Test along with Water loss	42,500/-	43,300/-	44,900/-	35		
8.	Endurance at Extreme Conditions	4,76,900/-	5,28,300/-	5,28,300/-	75 days		
9.	Type Test (includes Capacity Test, Charge Retention, Endurance Test, Endurance at extreme condition, Sulphation Test, Water Loss)	7,22,200/- 5,62,000/- (for VRLA/Sealed/AGM Battery)	7,80,300/- 6,18,400/- (for VRLA/Sealed/AGM Battery)	7,85,300/- 6,21,400/- (for VRLA/Sealed/AGM Battery)	120 days		
						<b>Sub Total</b>	
						<b>GST</b>	
						<b>Grand Total</b>	

\*These tests are not applicable for VRLA/Sealed/AGM Battery.



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### Testing Fees Details:

Name of the test	
Transaction Details. & Date	
Bank Name	
Total Amount (Rs)	

**Declaration:** This is to certify that the information furnished in the service request form is true to the best of my knowledge and belief. National Institute of Solar Energy or its authorized nominee will be free to visit our works in order to assess the details provided above by giving advance notice in writing. We also accept the terms and conditions of the National Institute of Solar Energy annexed with this order.

**Date:**

**Place:**

**Signature with Seal**

**Important Note:** To be signed by the Company authority or Officer, not below the rank of G.M. / Equivalent.



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Gurugram - Faridabad Road, Gwal Pahari, Gurugram – 122003, Haryana, India

### General Terms & Conditions

1. One report will be issued to the customer on the test (s) conducted by NISE, Gurugram.
2. The report shall contain all the parameters measured at NISE along with the parameters required as per the MNRE specifications and claims made by the manufacturer for the sample that has been tested.
3. The report contains the following disclaimers:
  - a) This is a report on measurement carried out on the product /sample no. ----- at the National Institute Solar Energy.
  - b) The sample has been selected and submitted by the customer.
  - c) The data contents in this report do not constitute a qualification certificate under any set of specifications.
  - d) The measurements made and results reported in this test report are valid at the time of and under stipulated conditions of measurement.
4. The test report if reproduced for any purpose, commercial or otherwise, should be reproduced in full. Reproduction of a part of the report or an abstract thereof is not permitted.
5. For identification purposes, all material supplied to the NISE for testing purposes shall be marked clearly and indelibly as per the standard.
6. The National Institute of Solar Energy shall not be responsible for any loss or damage caused to the sample during testing.
7. This test report is not a legal document and is not valid for any kind of legal formalities.
8. The tested sample shall be collected by customer within 90 days of issue of Test Report. After the above said period NISE is not compelled to return the sample.
9. The tentative number of working days for each test may vary under certain circumstances.

### Declaration /Undertaking:

I have read the above measured General Terms and Condition carefully and agree with the same.

Date

Signature with Seal

Place

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### Data required by Test Lab.

1.	File No. (Generated by NISE)	
2.	Job No. (Generated by NISE)	
3.	Capacity/Rating	
4.	Date of Submission of Samples	
5.	Condition of samples on receipt	
6.	Testing procedure/ Standards	
7.	Services and type of test requested	
8.	Pass/ fail declaration in the report required (Please Tick)	Yes No
9.	Whether sample needs to be returned after testing (Please Tick)	Yes No

**Declaration:** This is to certify that the information furnished in the service request form is true to the best of my knowledge and belief.

**Date:**

**Place:**

**Signature with Seal**

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**Information required by Test lab:**

**Sample Details:**

Sr. No	Make (Name of Manufacturing Company)	Type/model	Make of year	Serial No.	Dimensions (L X B X H) in cm	Weight (kg)
1						
2						
3						
4						
5						

**Details of the test conducted by Manufacturer (Enclose test results if available):**

Sr. No	Description of Test	Remarks

**Declaration:** This is to certify that the information furnished in the service request form is true to the best of my knowledge and belief.

**Date:**

**Place:**

**Signature with Seal**

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### CHECK LIST (for Form No.03)

For submitting the Battery for individual tests as per relevant Standards (IS 13369/IS15549/IS1651/IEC 61427) at NISE, the following Check-List is required to be satisfied.

S. No.	Particulars	Annexure	Page from	Page to
1	Each sample shall carry the following: - a) Manufacturer name & place b) Cell Designation- S.No., Model No., Batch No. c) Cell Amp/ Hour Capacity d) Month & Year of manufacturing			
2	Charging/Discharging instruction by Manufacturer a) Higher cut off Voltage b) Lower cut off voltage c) Recommended no of charging hours d) Charging Method (CV charge/ CC Charge/ CC-CV Charge) e) Voltage vs capacity curve (if available)			
3	Order form duly filled along with the format			
4	Instruction manual for handling the Battery– In case of manufacturer (Printed in English & Local Language)			
5	Additional battery from same lot, model & battery type			
6	Battery Technical specification sheet			
7	(A) Self-Attested copy of manufacturer SSI Registration/NSIC/MSME/ Acknowledgement from District Industrial Centre. (B) Registration Certificate as per Companies Act 1956 or Form No. 61. (C) PAN. (D) GST			
8	Forwarding letter for sample submitting/collection request which contains the information of Authorization of Person/Employee of Company (with Photo-ID card number) who is submitting the sample in the premises of NISE. He should carry the Employee Photo-ID card for identification.			
9	Acceptance to the General Terms & Conditions			

*All the documents submitted by the company should be certified by the competent authority.*

Date:

Place:

Signature with Seal

Important Note:

- To be signed by competent authority or by officer not below the rank of G.M. / Equivalent
- Sample will be received at the Customer Service Cell of National Institute of Solar Energy till 04:00 PM on any working day.