



Govt. of India
Ministry of New & Renewable Energy
Solar Energy Centre
P.O. & Village Gwalpahari, Distt. Gurgaon
Haryana, India

2013-2014

TEST REPORT ON BATTERY

Sample ID No. 28/13/BT

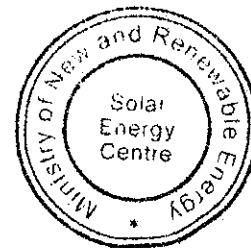
**Manufactured by : M/s Luminous Power Technologies Pvt. Ltd., C-8&C-9,
 Community Centre, Janakpuri, New Delhi-110058.**

**Submitted by : M/s Luminous Power Technologies Pvt. Ltd., C-8&C-9,
 Community Centre, Janakpuri, New Delhi-110058.**

This is a report on measurements of **Capacity rating and Charge efficiency** carried out on the battery (sample no. 28/13/BT) submitted at Solar Energy Centre as per **IS 13369:1992** standards. The data reported in this TEST REPORT are valid at the time of and under the stipulated conditions of measurement and the test results are applicable to this battery only and do not apply to other batteries even though declared to be identical. The data contents in this report do not constitute a qualification test certificate. SEC does not accept any liability for any consequences including commercial or otherwise arising out of the utilization of the information contained in this report.

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Harsh Selge



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TEST REPORT OF LEAD ACID BATTERY

Sample ID No. 28/13/BT

Manufactured by : M/s Luminous Power Technologies Pvt. Ltd., C-8&C-9,
Community Centre, Janakpuri, New Delhi-110058.

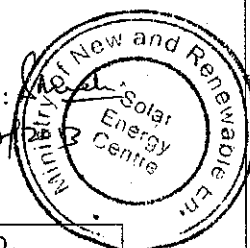
Submitted by : M/s Luminous Power Technologies Pvt. Ltd., C-8&C-9,
Community Centre, Janakpuri, New Delhi-110058.

S.No	Test Description	Manufacture's Claim	Observations	Remarks
1	(i) Brand (ii) Type (iii) S.No. (iv) Year (v) <u>Rating</u> (a) Voltage (b) Capacity at C10 discharge rate (vi) Dimension (mm) (vii) Weight before testing (kg)	LUMINOUS Lead Acid (LPT12200L) E9D3047218 2013 12V 200Ah 503X189X411 65.5Kg	LUMINOUS Lead Acid (LPT12200L) E9D3047218 2013 12V 202.0Ah 503X189X411 64.88Kg	cut off voltage 11.1V
2	Charging Efficiency: (A) Capacity on discharging at (C 10) constant current continuously up to cut off voltage. (B) Capacity after recharging the battery by 204.1Ah and then again discharging up to cut off voltage. (C) Charging efficiency Ah & Wh.		204.1Ah 186.8Ah 91.52% & 81.86%	Average discharging voltage= 12.153V Average charging voltage= 13.586V

Prepared by: *Harish Sehgal*
Date: 26/7/13

Approved by: *Prakrman*
Date: 26.7.13.

Issued by:
Date: 30/7/13



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