

Sample ID No: 221/1613/LED

Manufactured by: M/s. Jainsons Electronics Delhi

M/s. Submitted by: M/s. Jainsons Electronics Delhi

S N	Description of components	MNRE Specifications	Manufacturer Claim	SEC Observations	Remarks
1	PV Module i. a) Name of Manufacturer or Company Logo b) Model or Type No. c) Serial No. d) Year of Make ii. Module Wattage at 16.4V or any other suitable voltage under STC iii. Type of Module iv. Module Efficiency v. Voc of PV Module	Should be provided Should be provided Should be provided Should be provided 40 W at 16.4V Crystalline silicon 12 % 21.0 V	Ms. WAAREE WS - 40 WS10139000830311 2013 40W Multi crystalline Si	Ms. WAAREE WS - 40 WS10139000830311 2013 44.87 W Multi crystalline Si 13.9 % 22.33 V	
2	LOAD/LIGHT (White LED based Light) i. Make/Origin of LED ii. No. of LEDs iii. Light output (in lux) from 4 meter height a) at centre b)1.0M dia c) 2.0M dia d)4.0M dia	Should be mentioned Should be mentioned Should be mentioned 15 Lux	Ms. OSRAM 6 Nos. 15 Lux	Ms. OSRAM 6 Nos. 28.6 Lux 27.85 Lux 25.5 Lux 15.0 Lux	
3	Battery i. Make and type of Battery ii. Voltage iii. 100% capacity at C/10 or suitable Discharge rate. iv. %Capacity between fully charged and load cut-off condition.	Should be provided 12V 40Ah 80%	Ms. BASE, Tubular plate lead acid 12 V 40 Ah Comply	Ms. BASE, Tubular plate lead acid 12 V 44.43 Ah Comply	
4	Electronic DC –DC converter a. Parameter at 12 V i) Input power ii) Output power iii) Efficiency iv)Variation of output current with input voltage	Should be mentioned Should be mentioned 85% No variation in output current with input voltage	No variation	8.592 W 7.765 W 90.38 % No variation	

Prepared by: Gopal Kumar
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Issued By: [Signature]
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