

## Annexure-I

### Specification of Solar PV Panel

S.No	Name of the Specification	Value
1.	Type of the Solar Cells	Polycrystalline Silicon
2.	No. of Cells per Module	72
<b>Electrical Parameters at Standard Test Conditions</b> <b>[Irradiance:1000W/m<sup>2</sup>, Cell temperature: 25°C, AM 1.5 Spectrum]</b>		
1.	Peak Power Range (W <sub>p</sub> )	330
2.	Power Tolerance	0-2 %
3.	Module efficiency	>16%
4.	MPP Voltage (V <sub>mp</sub> )	37-39 V
5.	MPP Current (I <sub>mp</sub> )	8-9 A
6.	Open Circuit Voltage (V <sub>oc</sub> )	45-47 V
7.	Short Circuit Current (I <sub>sc</sub> )	9-10 A
<b>Mechanical Specifications</b>		
2.	Weight (kg)	<24kg
3.	Junction Box	IP67/68
4.	Bypass Diodes	3
5.	Connectors	MC4
6.	Application Class	A
7.	Safety Class	Class II
8.	Front glass	Tempered Glass with anti reflective coating
9.	Cell Encapsulation	Ethylene Vinyl Acetate
10.	Frame	Anodized Aluminium
11.	Mechanical Wind load (Pa)	2400 Pa
<b>Warranty &amp; Certifications</b>		
1.	Product Warranty	>=10 years
2.	Performance warranty	Output Peak Watt Capacity should not be less than: (a) 90% at the end of 10 years (b) 80% at the end of 25 years
3.	Certifications	<b>IEC 61215 / IS14286, IS/IEC 61730, IEC 61701/IS 61701, IEC 62716</b>

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NA  
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29/11/2019