

	<u>Sun2earth solar</u>	Doc. No.	
		Doc. Date:	01/01/2024
		Rev. No.	00
		Rev. Date:	
<u>CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 180 Watt</u>		Page 1 of 2	

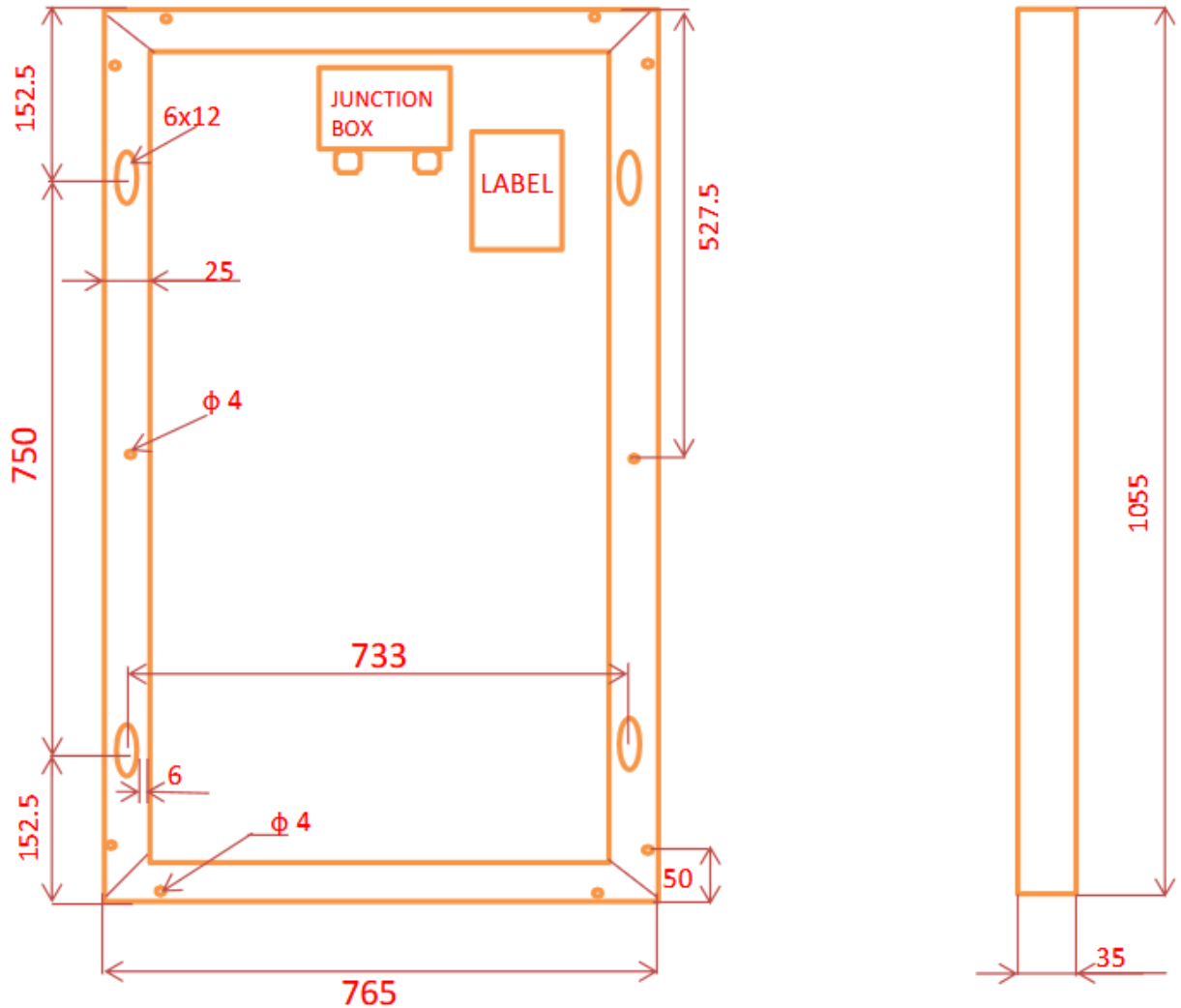
Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
180 (24V)	46.72	4.63	39.86	4.54
<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
180 (12V)	23.36	9.26	19.84	9.08

Type Of Series	TopCon Cut Cells 180W
Total Number of Cells:	64
Cell Matrix:	16 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1055X765X35
Module Area (sqm):	0.81
Module Efficiency (%):	>20
Current temperature coefficient α [%/°C]	+0.040
Voltage temperature coefficient β [%/°C]	-0.26
Power temperature coefficient δ [%/°C]	-0.34
NOCT [°C]	42 +/- 2

Prepared By	Approved By
Chandrama	Bhavesh Patel

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Note:- All Dimension in mm Unless otherwise specified, Tolerance +/- 2mm

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