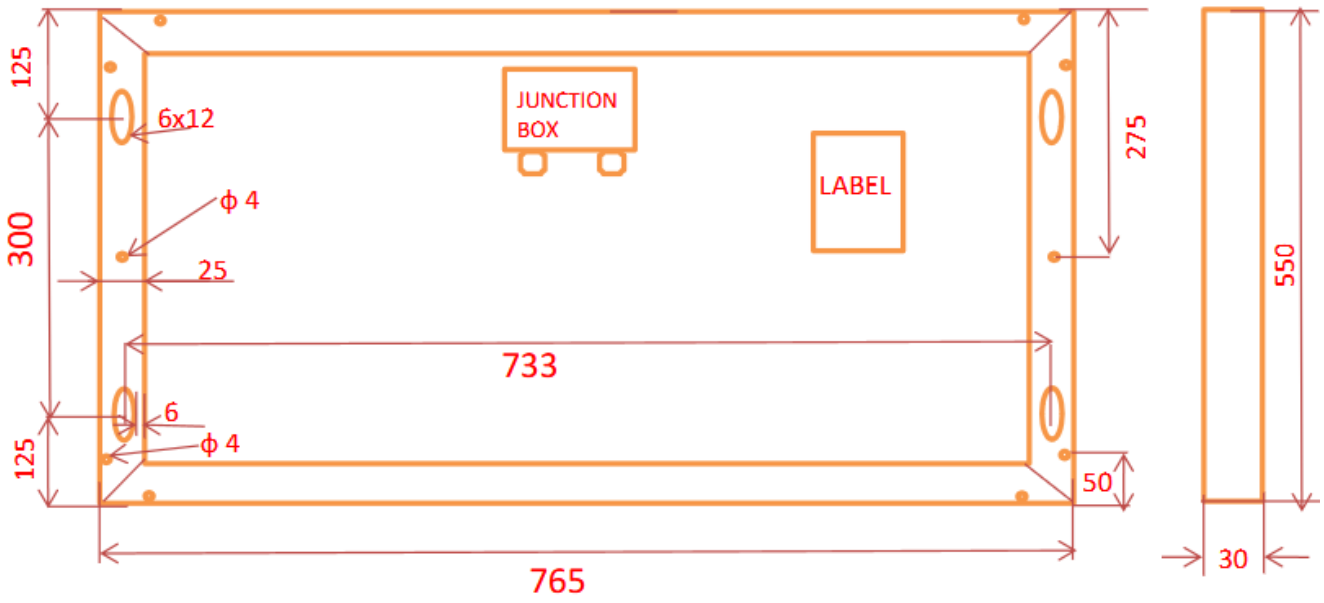
Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
75	21.89	4.21	19.01	3.95

Type Of Series	**Mono PERC Cut Cells 75W**
Total Number of Cells:	32
Cell Matrix:	8X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	550X765X30
Module Area (sqm):	0.421
Module Efficiency (%):	>19
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2



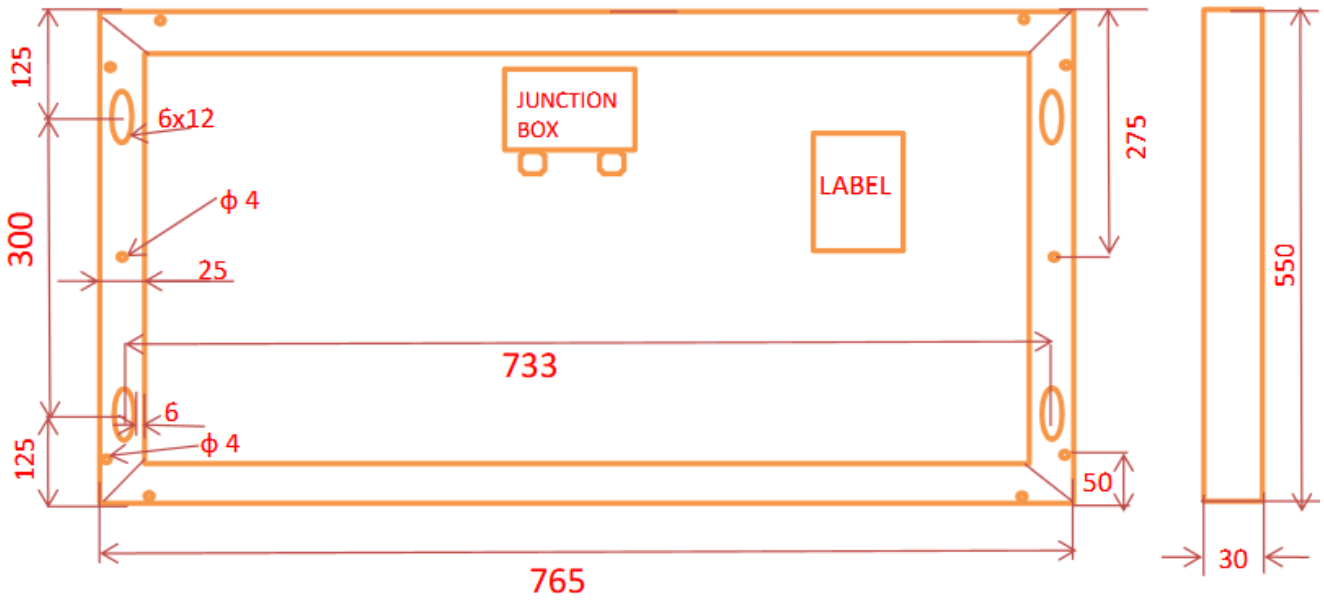
Note:- All Dimension in mm Unless otherwise specified, Tolerance +/- 2mm.

Prepared By	Approved By
Chandrama	Bhavesh Patel

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
80	21.89	4.50	19.01	4.22

Type Of Series	**Mono PERC Cut Cells 80W**
Total Number of Cells:	32
Cell Matrix:	8 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	550X765X30
Module Area (sqm):	0.421
Module Efficiency (%):	>19
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2

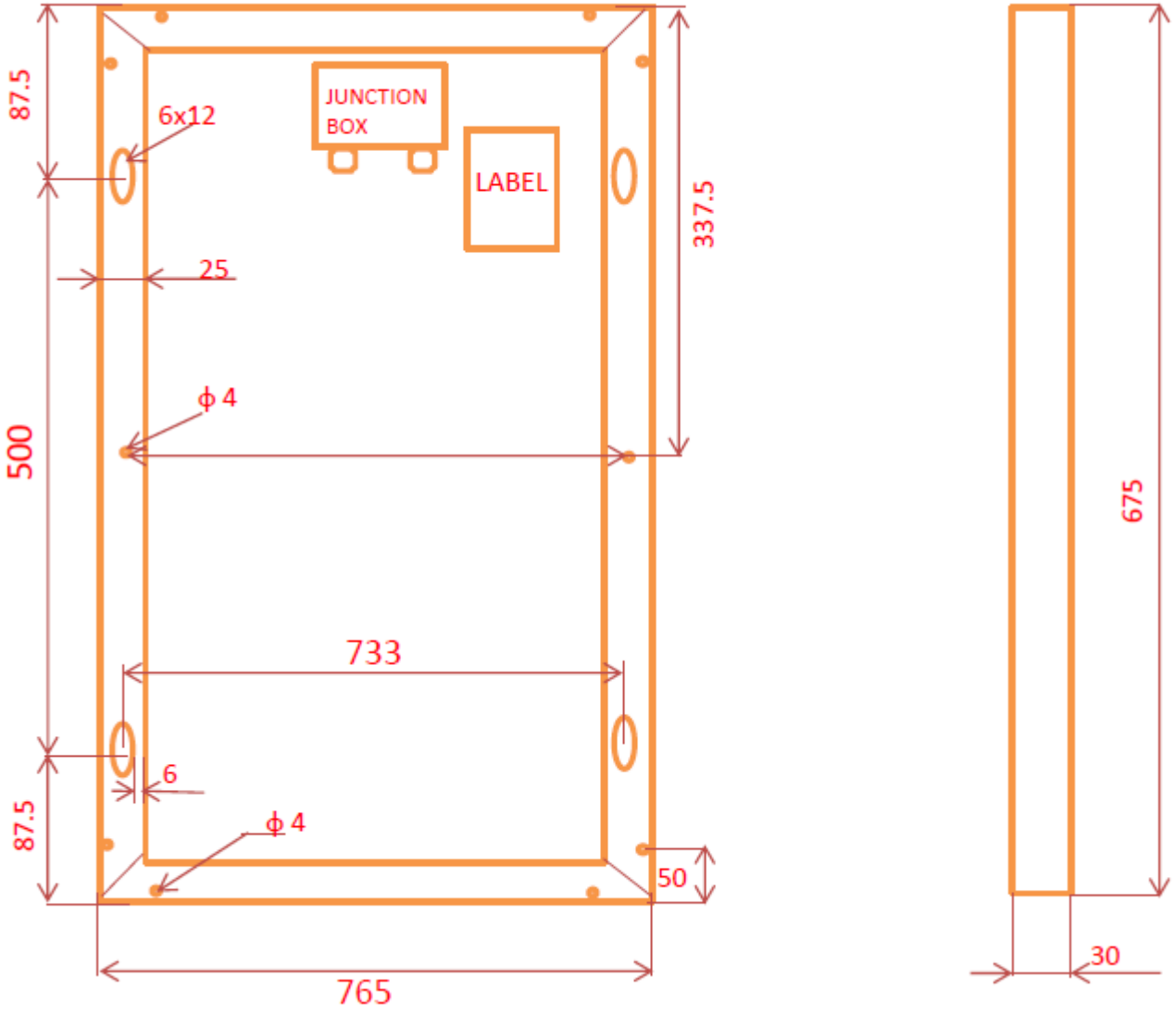


Prepared By	Approved By
Chandrama	Bhavesh Patel

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
100	21.89	5.94	19.01	5.57

Type Of Series	Mono PERC Cut Cells 100W
Total Number of Cells:	32
Cell Matrix:	8 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	675X765X30
Module Area (sqm):	0.516
Module Efficiency (%):	>19
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2



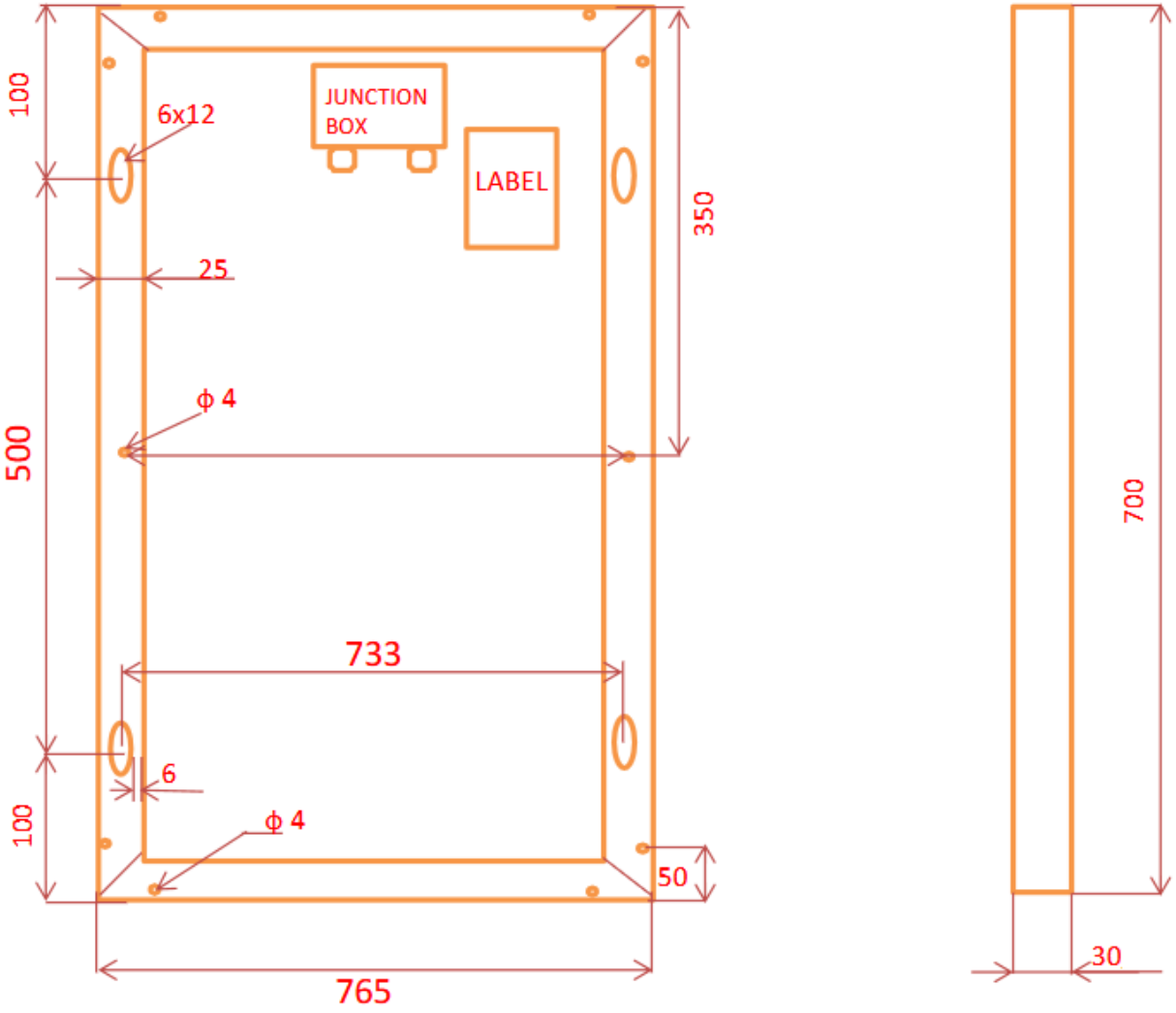
Note:- All Dimension in mm Unless otherwise specified, Tolerance +/- 2mm.

Prepared By	Approved By
Chandrama	Bhavesh Patel

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
100	21.89	5.94	19.01	5.57

Type Of Series	Mono PERC Cut Cells 100W
Total Number of Cells:	32
Cell Matrix:	8 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	700X765X30
Module Area (sqm):	0.421
Module Efficiency (%):	>19
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2

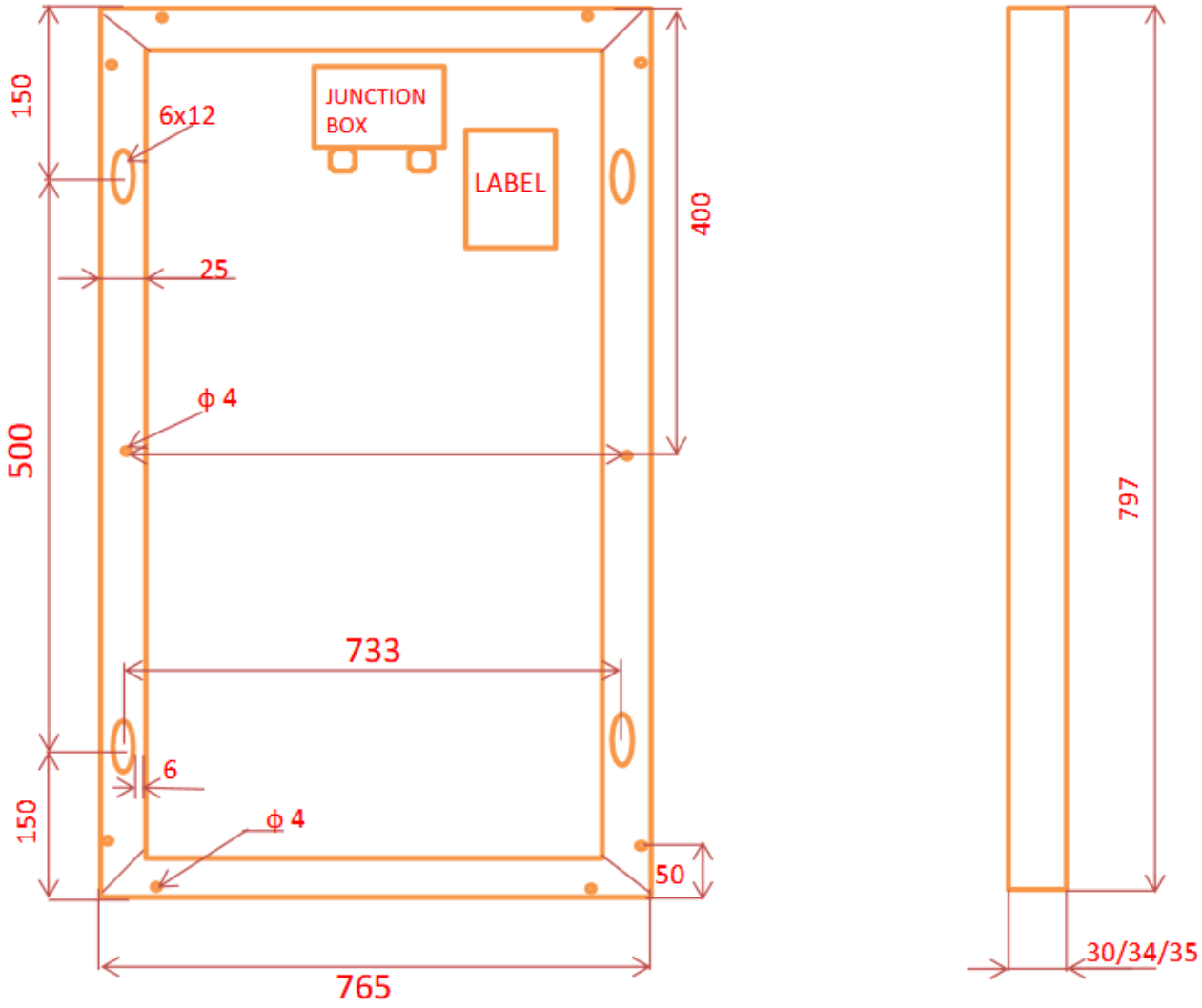


Prepared By	Approved By
Chandrama	Bhavesh Patel

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
120	21.89	6.74	19.01	6.34

Type Of Series	Mono PERC Cut Cells 40W
Total Number of Cells:	32
Cell Matrix:	8 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	797X765X30
Module Area (sqm):	0.61
Module Efficiency (%):	>19
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2



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

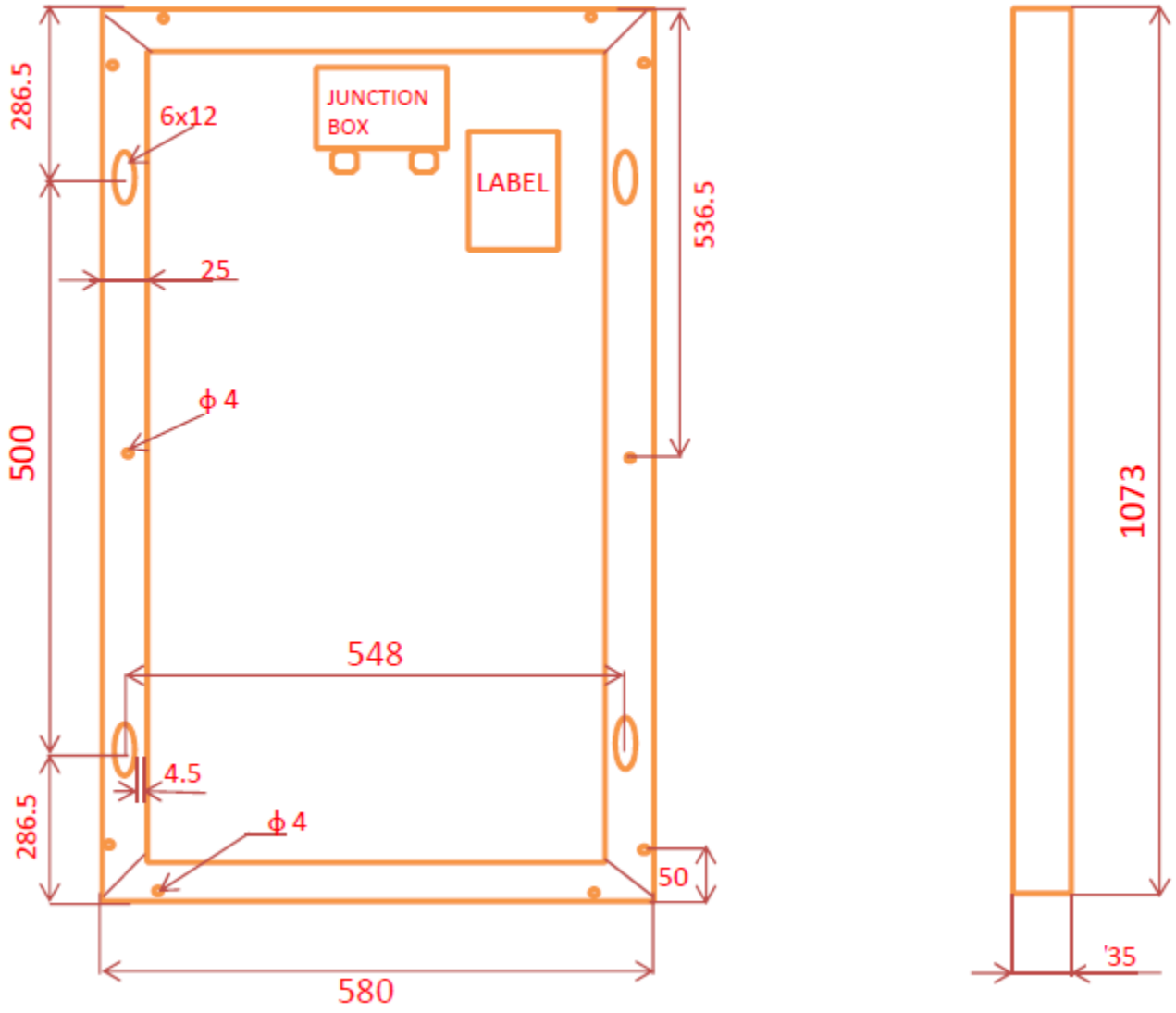
Prepared By	Approved By
Chandrama	Bhavesh Patel

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
125	22.638	6.78	19.668	6.37

Type Of Series	Mono PERC Cut Cells 125W
Total Number of Cells:	33
Cell Matrix:	11 X 3
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1073X580X35
Module Area (sqm):	0.622
Module Efficiency (%):	>20
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2

Sun2Earth Solar	**Sun2earth solar**	Doc. No.	S2E/DGN/BOM/006
		Doc. Date:	01/01/2024
		Rev. No.	00
CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 125 Watt		Rev. Date:	
		Page 2 of 2	



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

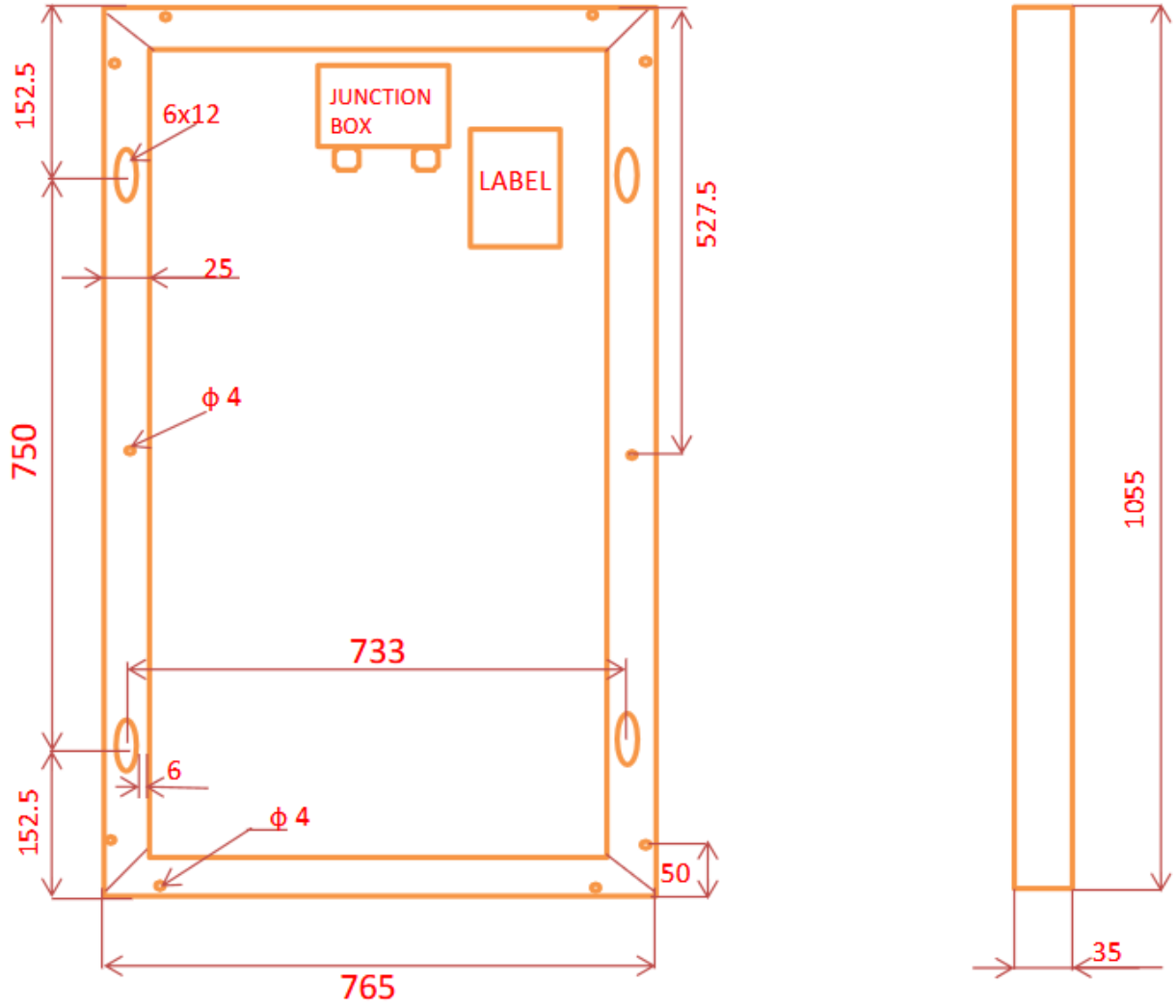
Prepared By	**Approved By**
Chandrama	Bhavesh Patel

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
160 (24V)	43.78	4.5	38.02	4.225
Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
160 (12V)	21.89	9.00	19.01	8.45

Type Of Series	**Mono PERC Cut Cells 160W**
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 (%):	>19
Current temperature coefficient α [%/°C]	+0.06
Voltage temperature coefficient β [%/°C]	-0.36
Power temperature coefficient δ [%/°C]	-0.36
NOCT [°C]	45 +/- 2

Prepared By	**Approved By**
Chandrama	Bhavesh Patel



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

Prepared By	Approved By
Chandrama	Bhavesh Patel