



Sun2earth solar

Doc. No.

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Rev. No.

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 30/35 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
35	19.15	2.25	16.63	2.11
30	19.15	1.99	16.63	1.90

Type Of Series	Mono PERC Cut Cells 110W
Total Number of Cells:	28
Cell Matrix:	14 X 2
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	500X400X30
Module Area (sqm):	0.2
Module Efficiency (%):	>15
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

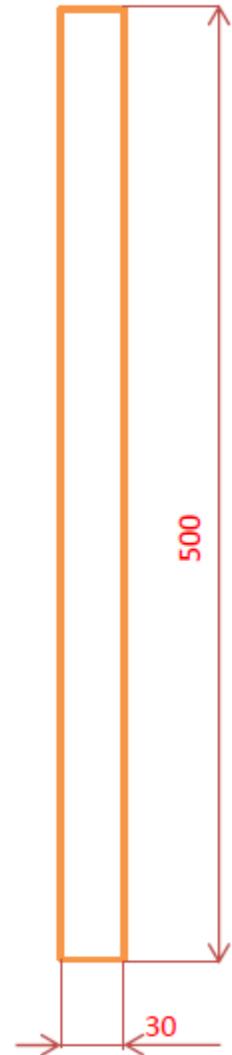
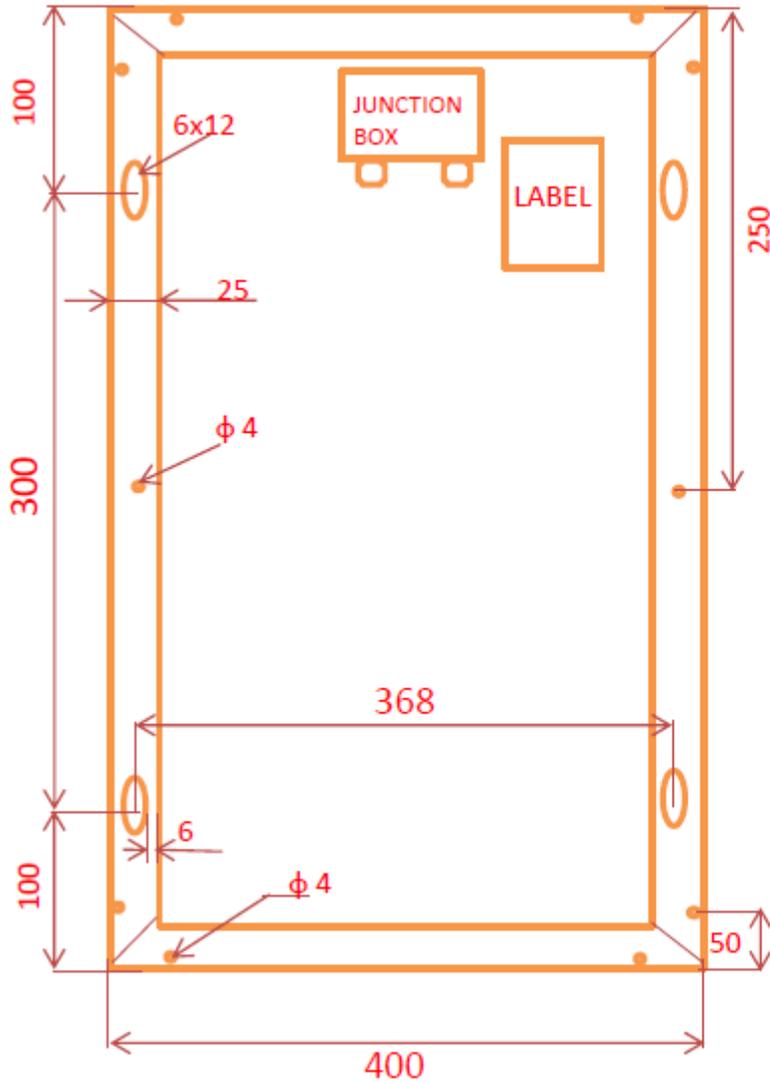
Prepared By

Chandrama

Approved By

Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 30/35 Watt**



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

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Chandrama

Approved By

Bhavesh Patel



**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 40 Watt**

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
40	21.89	2.25	19.01	2.11

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):	570X400X30
Module Area (sqm):	0.228
Module Efficiency (%):	>17
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	6A10 (2Nos)
Weight (Kg):	2.74
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

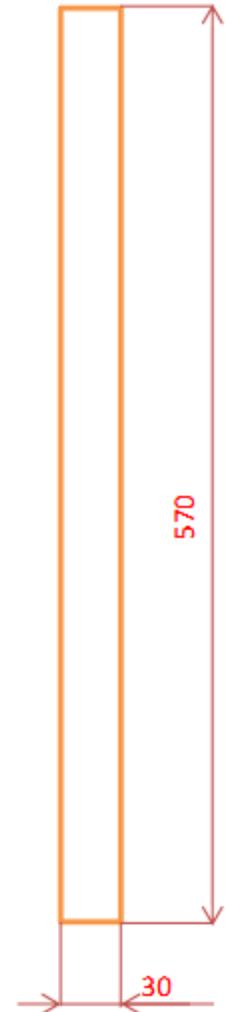
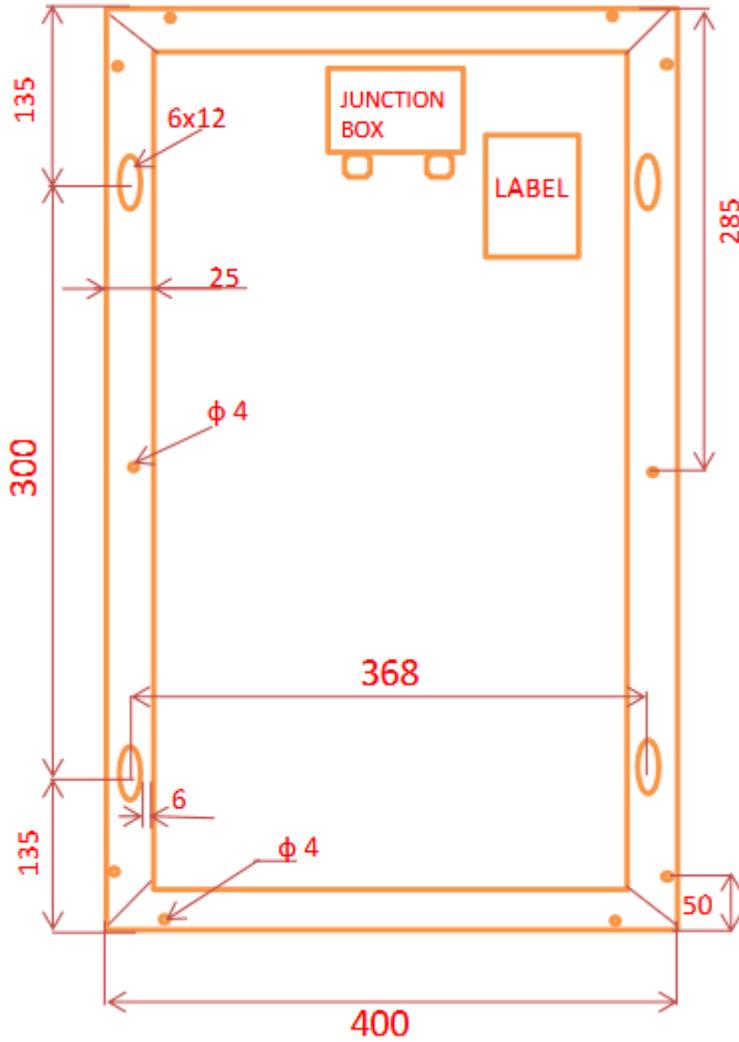
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Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 40 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 50 Watt

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
50	21.89	2.83	19.01	2.63

Type Of Series	Mono PERC Cut Cells 50W
Total Number of Cells:	32
Cell Matrix:	16 X 2
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	700X400X30
Module Area (sqm):	0.28
Module Efficiency (%):	>17
Junction Box Rating:	3Rail 2Diode
Diode Rating (No of Diode):	6A10 (2Nos)
Weight (Kg):	3.08
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

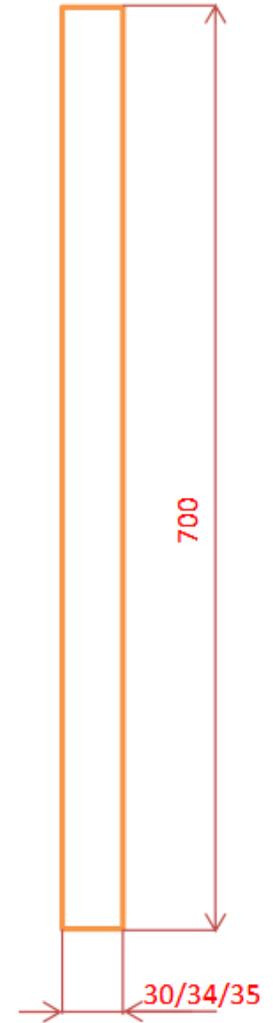
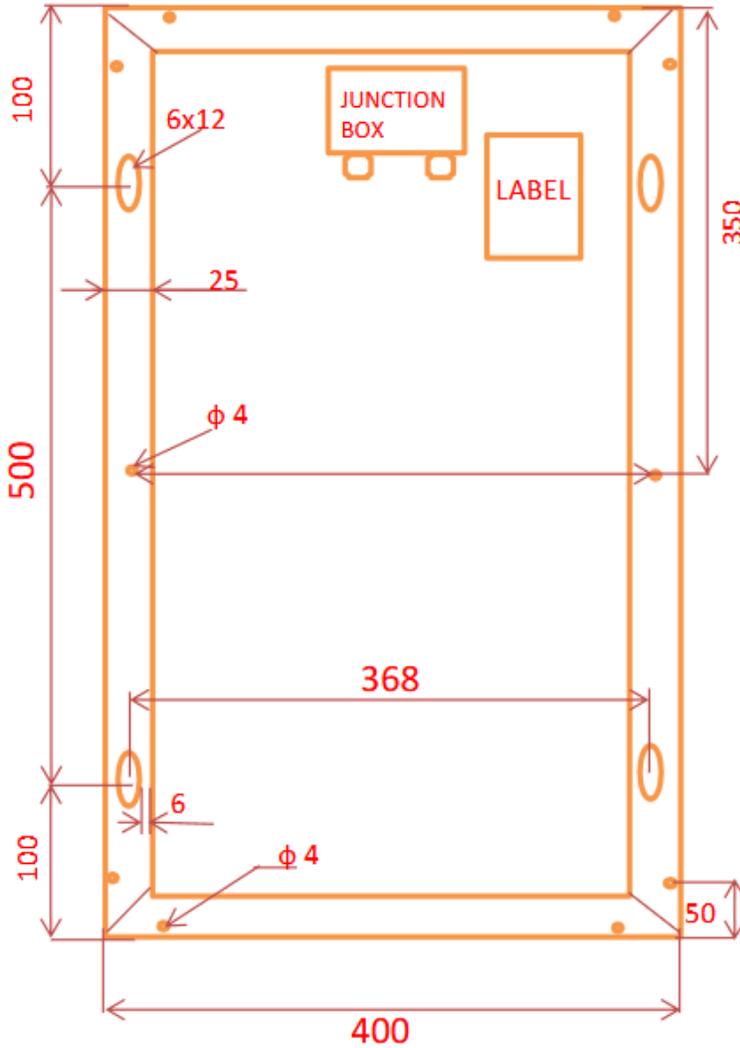
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Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 50 Watt**



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

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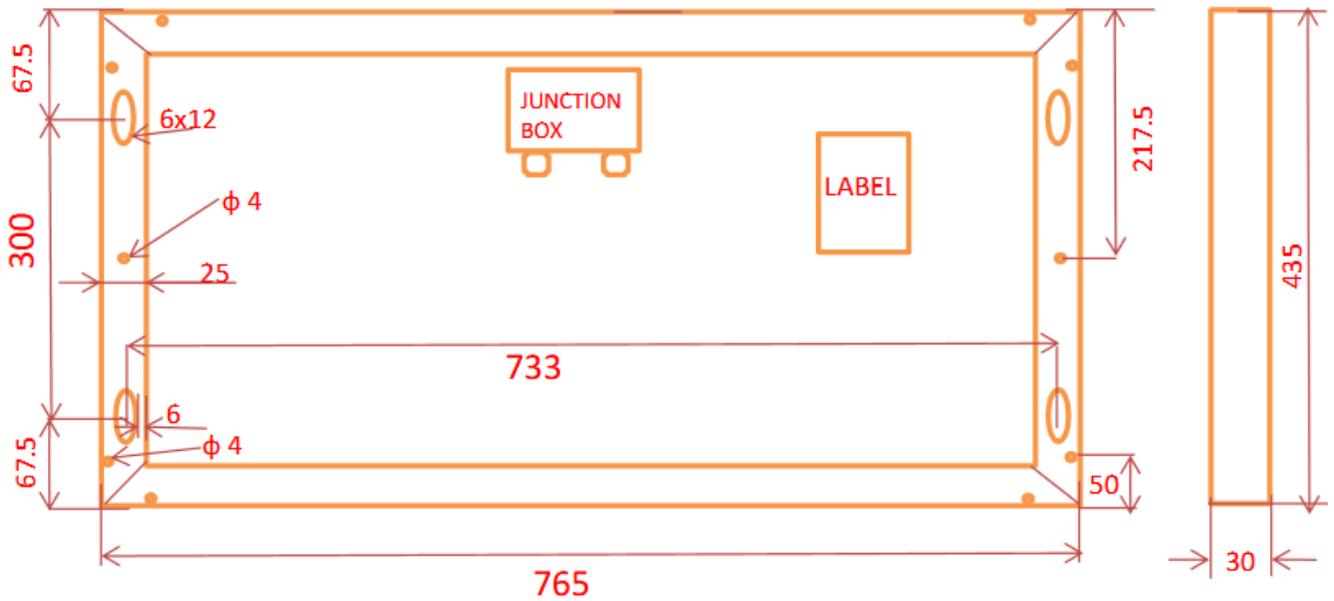
Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
60	21.89	3.38	19.01	3.17

Type Of Series	Mono PERC Cut Cells 60W
Total Number of Cells:	32
Cell Matrix:	8 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	435X765X30
Module Area (sqm):	0.333
Module Efficiency (%):	>18
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	6A10 (2Nos)
Weight (Kg):	3.99
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

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Chandrama	Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 60 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 80 Watt

Technical specifications of module

<u>Type Family</u>				
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
Junction Box:	3Rail 2Diode
Diode Rating(No of Diode):	6A10 (2Nos)
Weight (Kg):	5.05
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

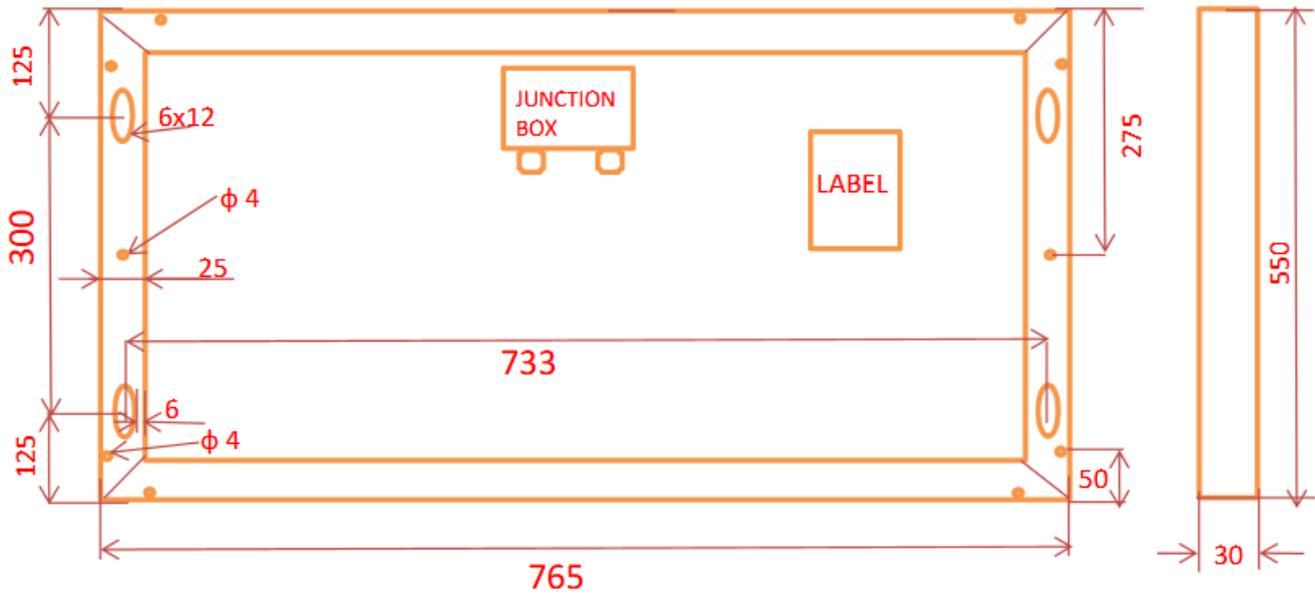
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Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 80 Watt**



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

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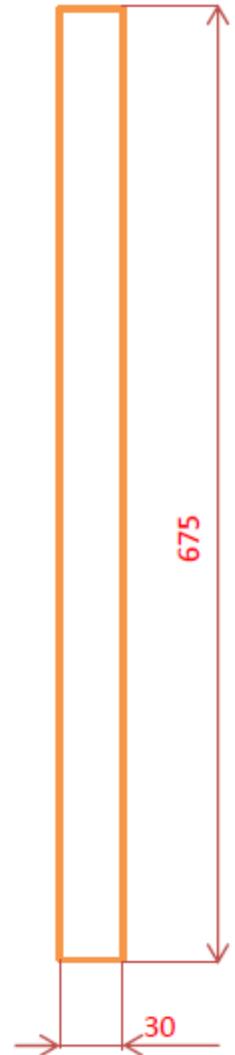
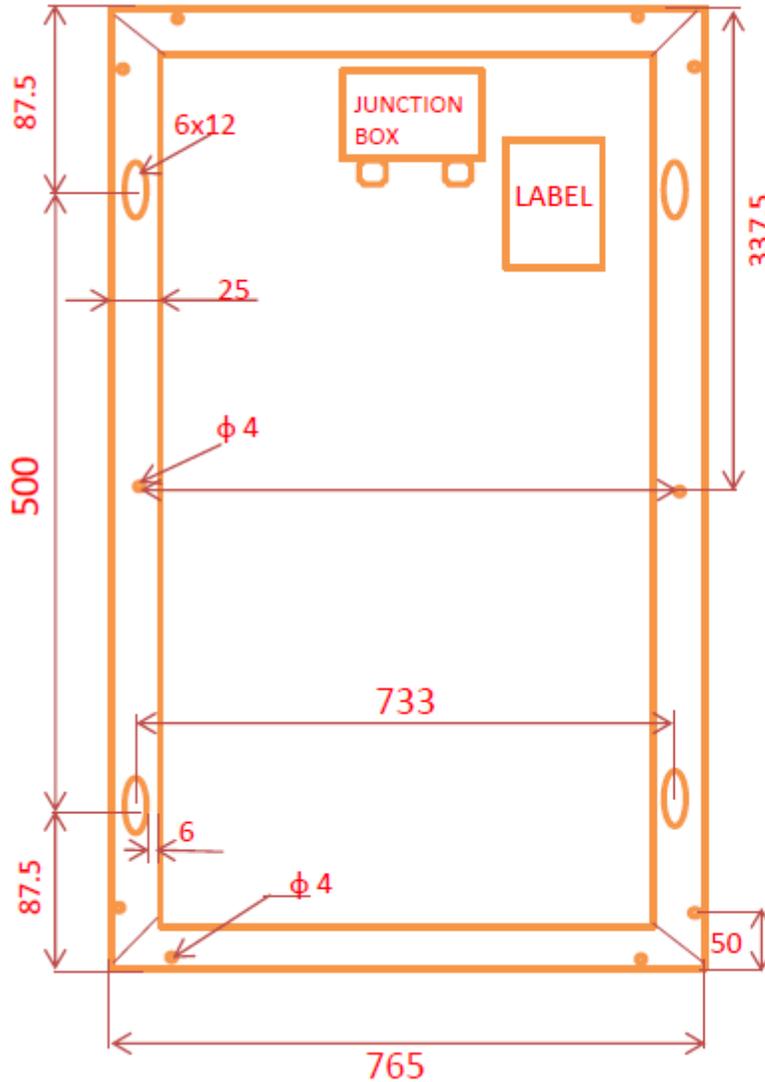
Technical specifications of module

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

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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 100 Watt**



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

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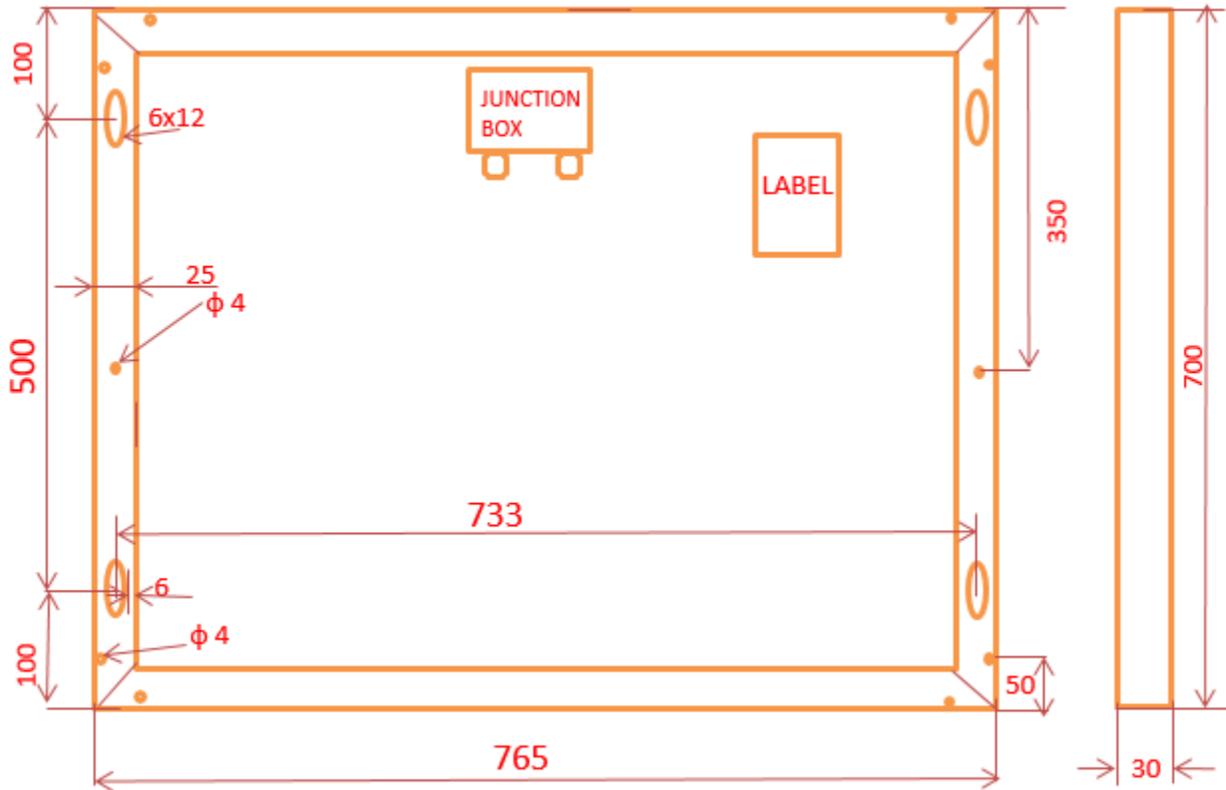
Technical specifications of module

<u>Type Family</u>				
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):	0.536
Module Efficiency (%):	>19
Junction Box:	3Rail 2Diode
Diode Ration(No of Diode):	10A10 (2Nos)
Weight (Kg):	6.43
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

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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 100 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 120 Watt		Rev. No.	00
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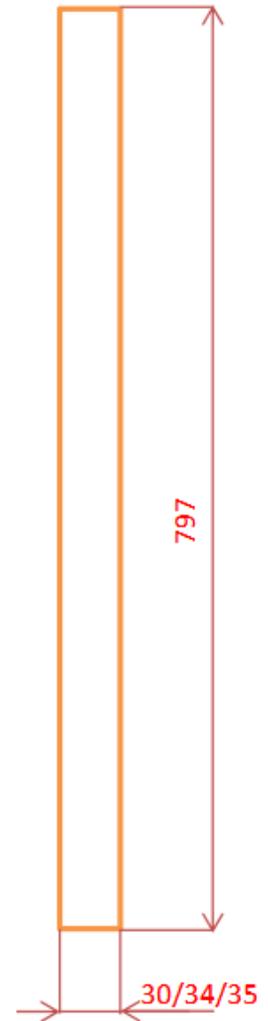
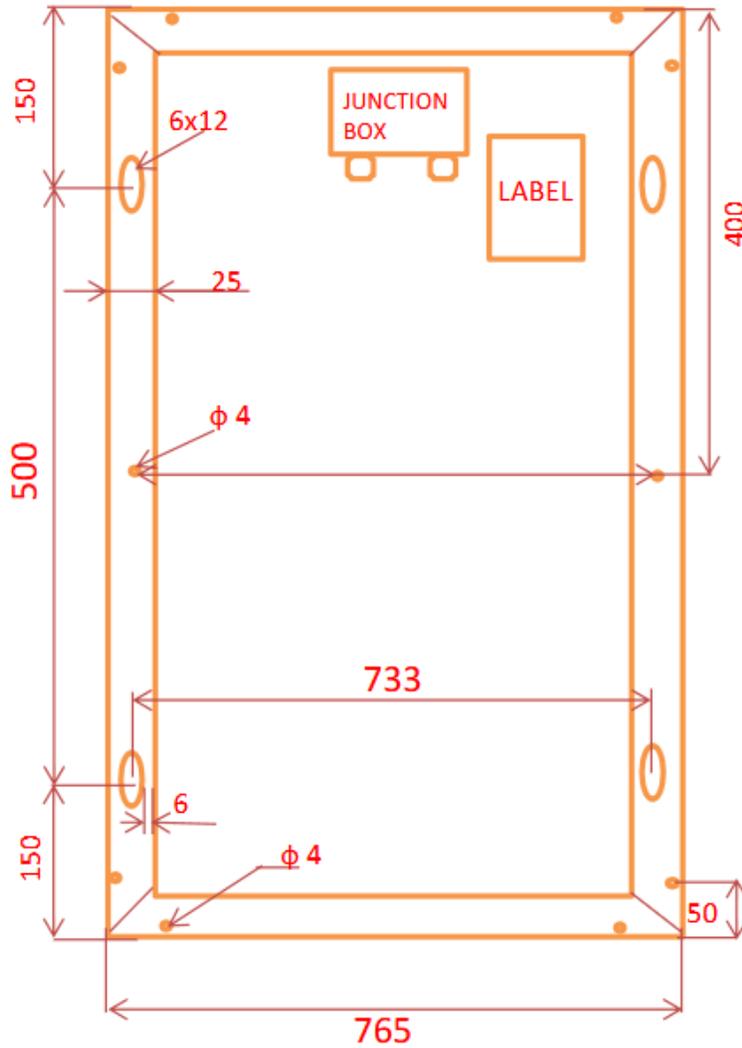
Technical specifications of module

<u>Type Family</u>				
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 120W
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
Junction Box:	3Rail 2 Diode
Diode Rating (No of Diode):	10A10 (2Nos)
Weight (Kg):	7.32
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

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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 120 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 125 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
125	22.64	6.78	19.67	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
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	10A10 (2Nos)
Weight (Kg):	8.09
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

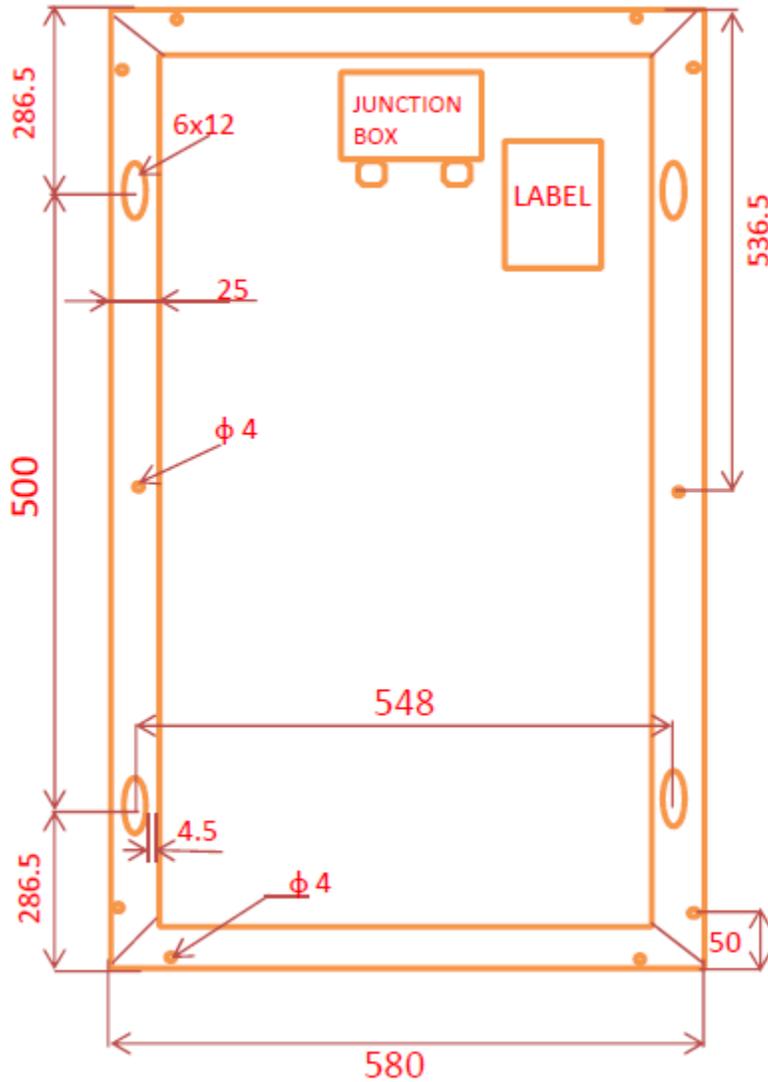
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 125 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 150 Watt

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Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
150 (24V)	41.04	4.5	35.64	4.225
150 (12V)	20.52	9.00	17.82	8.45

Type Of Series	Mono PERC Cut Cells 150W
Total Number of Cells:	60
Cell Matrix:	15 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	990X765X35
Module Area (sqm):	0.757
Module Efficiency (%):	>19
Junction Box:	3Rail 2Diode
Diode Rating (No Of Diode):	15A10 (2Nos)
Weight (Kg):	9.85
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

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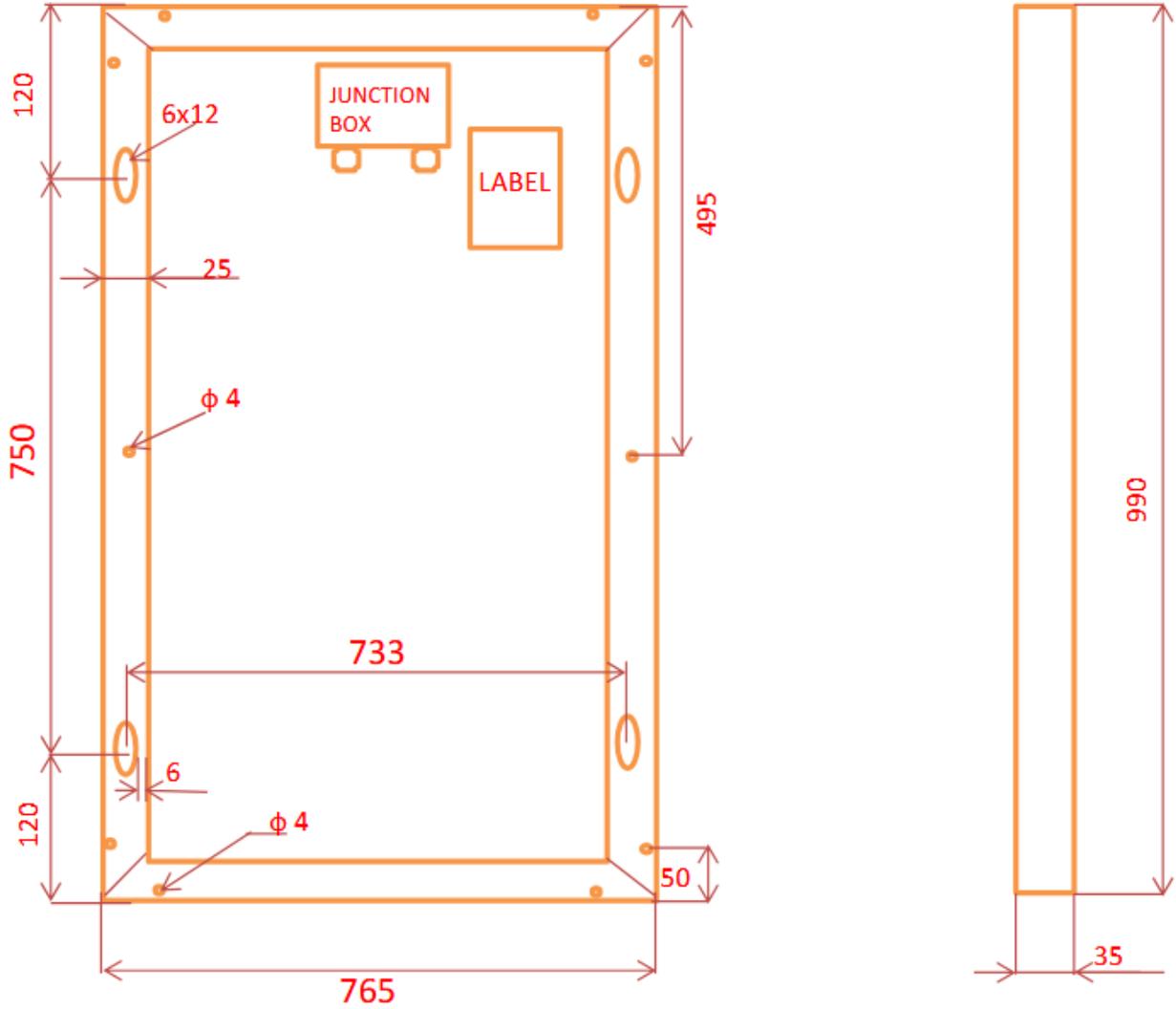
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 150 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 160 Watt

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Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
160 (24V)	43.78	4.5	38.02	4.225
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
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Weight (Kg):	10.49
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

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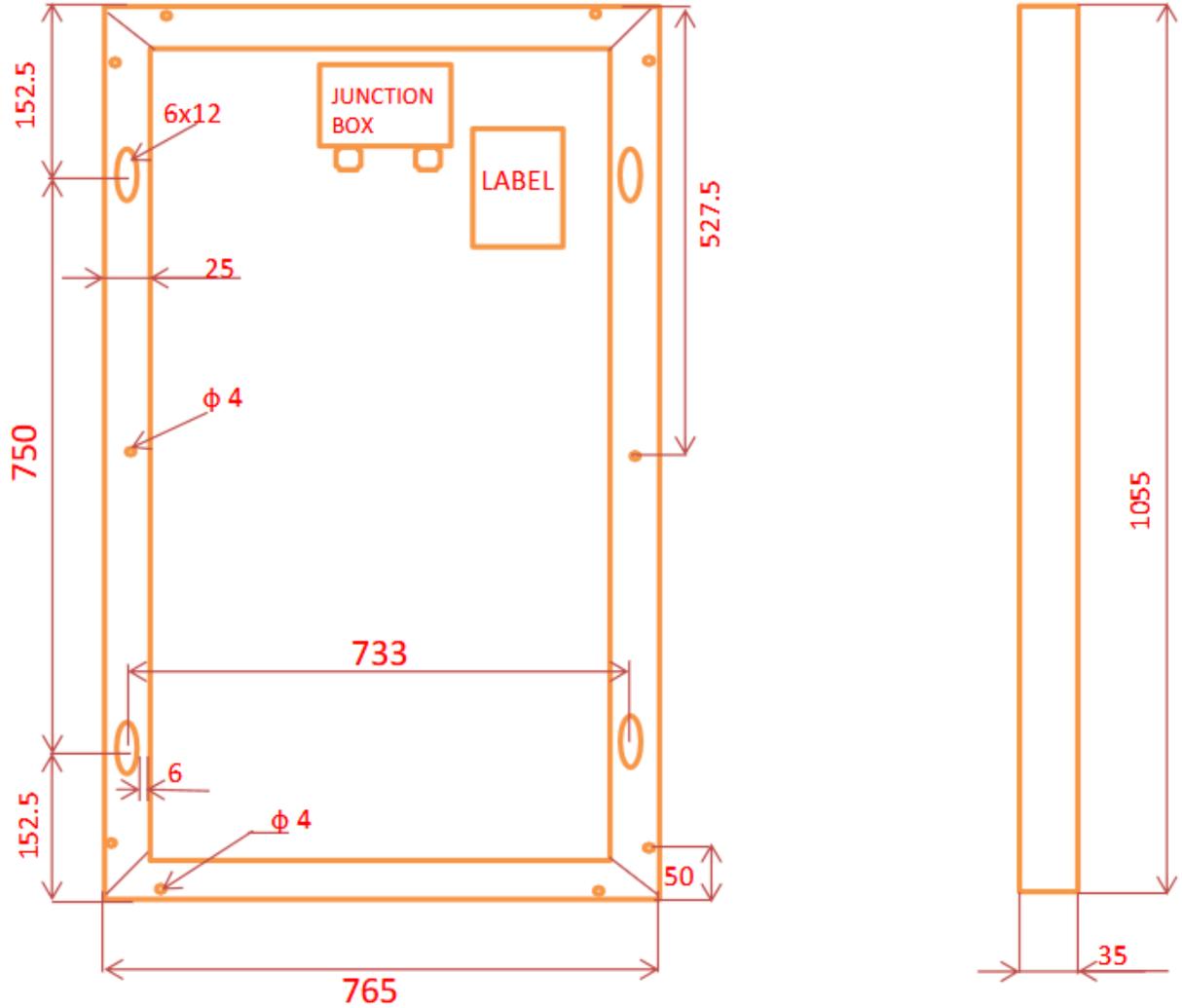
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 160 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 165 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
165 (24V)	44.29	4.55	38.27	4.31
165 (12V)	22.14	9.10	19.14	8.63

Type Of Series	Mono PERC Cut Cells 165W
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
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Weight (Kg):	10.49
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

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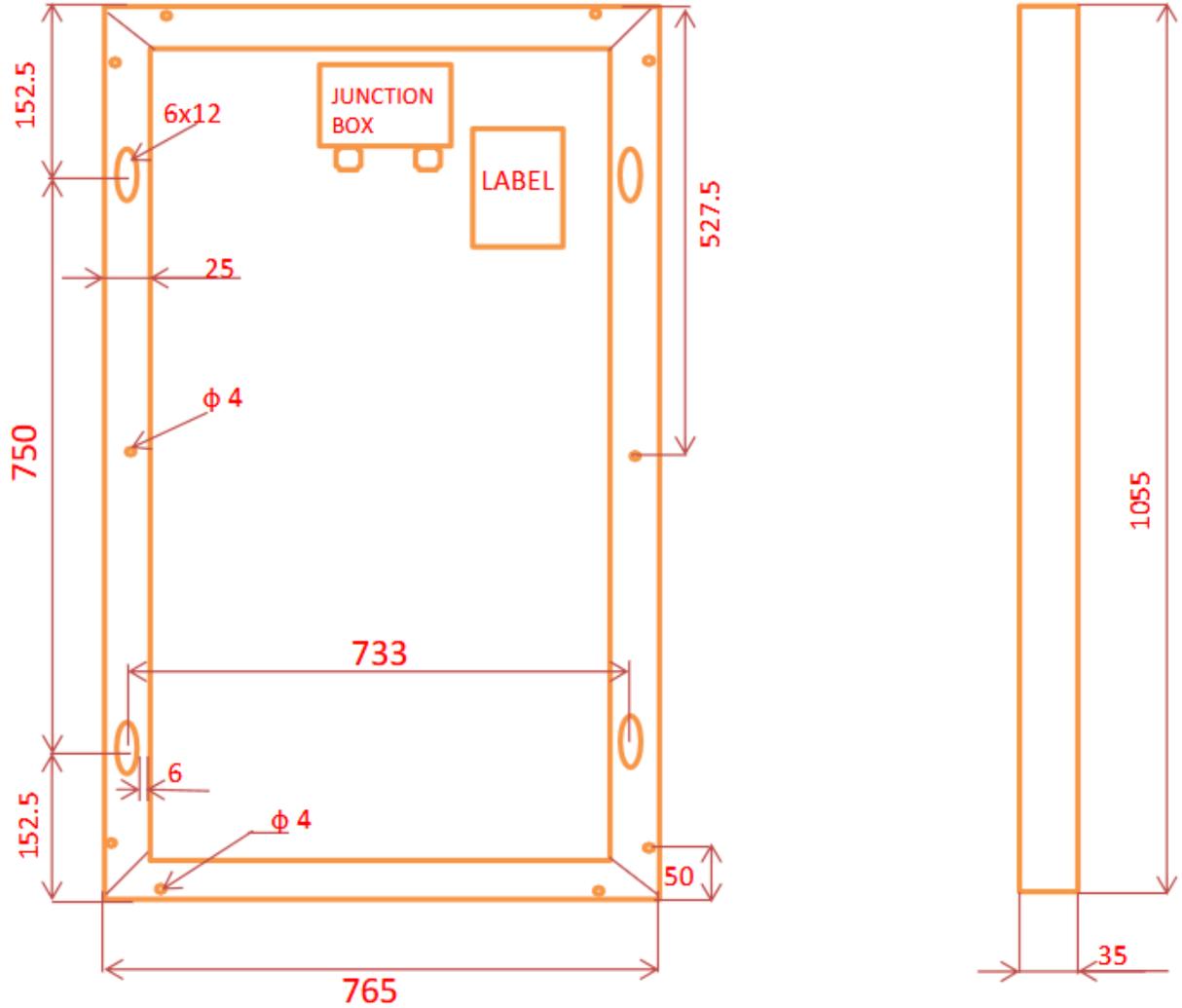
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 165 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 170 Watt

Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
170 (24V)	46.51	4.50	40.39	4.225
170 (12V)	23.26	9.00	20.20	8.45

Type Of Series	Mono PERC Cut Cells 170W
Total Number of Cells:	68
Cell Matrix:	17 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1110X765X35
Module Area (sqm):	0.849
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Weight (Kg):	10.49
Cable Connector:	Optional
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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES-180 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
180 (24V)	41.04	5.40	35.64	5.07
180 (12V)	20.52	10.80	17.82	10.14

Type Of Series	Mono PERC Cut Cells-180W
Total Number of Cells:	60
Cell Matrix:	15 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1200X765X35
Module Area (sqm):	0.918
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

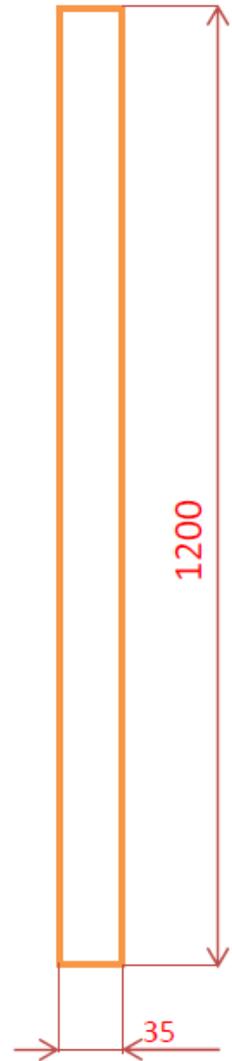
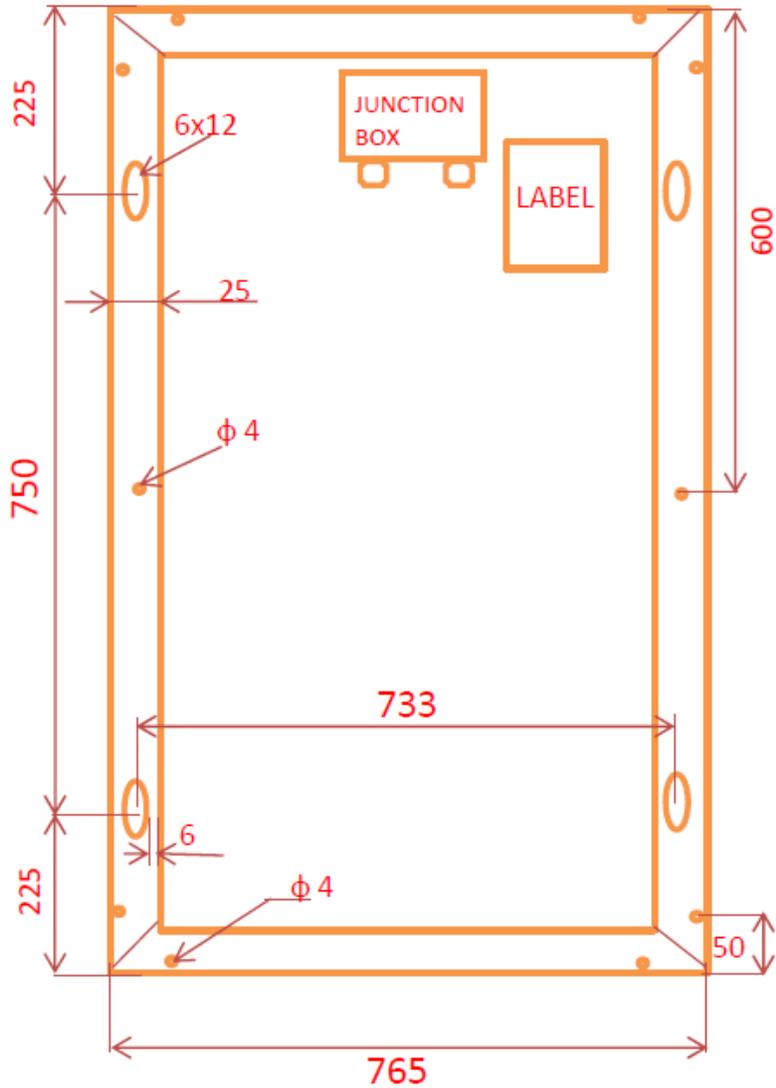
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES-180 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 200 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
200 (24V)	35.78	6.81	31.16	6.42
200 (12V)	17.89	13.62	15.58	12.84

Type Of Series	Mono PERC Cut Cells 200W
Total Number of Cells:	52
Cell Matrix:	13 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1262X765X35
Module Area (sqm):	0.965
Module Efficiency (%):	>20
Junction Box:	3Rail 2Diode
Diode Rating (No Of Diode):	15A10 (2Nos)
Cable and Connector:	Optional
Weight (Kg):	12.55
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

Chandrama

Approved By

Bhavesh Patel



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Rev. No. 00
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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 210 Watt

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Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
210 (24V)	38.41	6.75	33.38	6.34
210 (12V)	19.21	13.5	16.69	12.68

Type Of Series	Mono PERC Cut Cells 210W
Total Number of Cells:	56
Cell Matrix:	14 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1450X765X35
Module Area (sqm):	1.11
Module Efficiency (%):	>18
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	14.42
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

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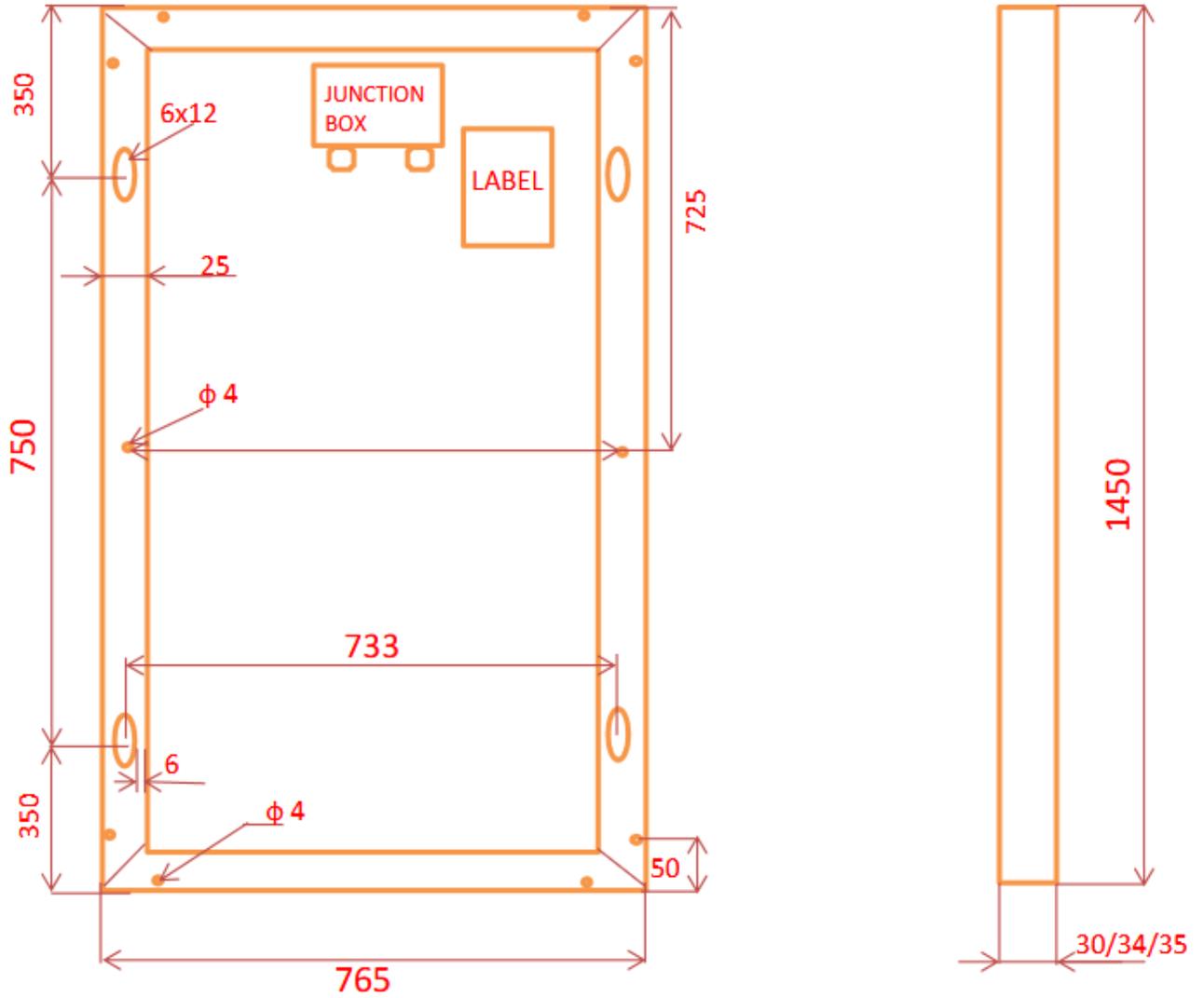
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 210 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 225 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
225 (24V)	41.16	6.78	35.76	6.37
225 (12V)	20.58	13.56	17.88	12.74

Type Of Series	Mono PERC Cut Cells 225W
Total Number of Cells:	60
Cell Matrix:	15 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1450X765X35
Module Area (sqm):	1.11
Module Efficiency (%):	>20
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	14.42
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

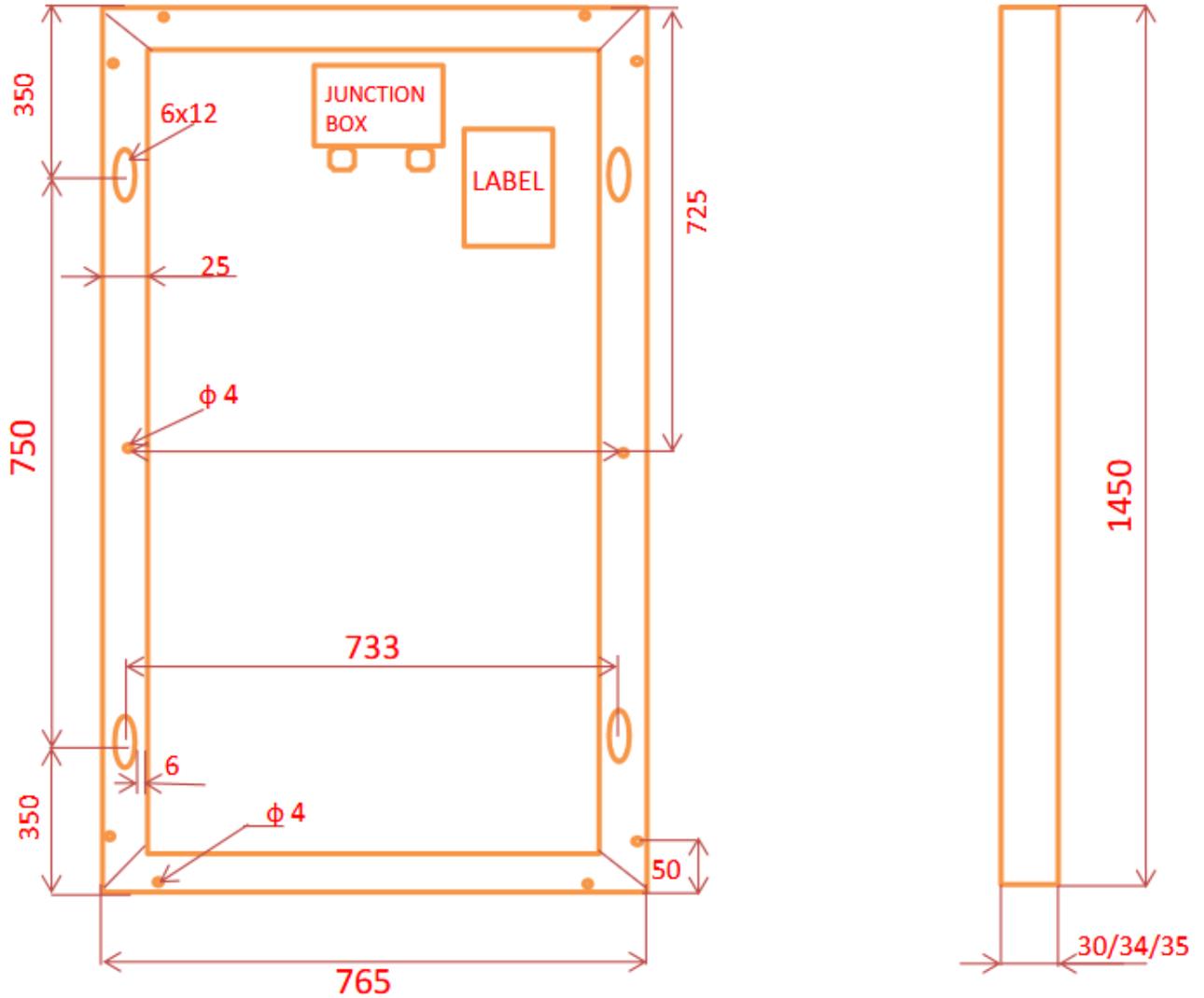
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 225 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 240 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
240 (24V)	43.78	6.74	38.02	6.34
240 (12V)	21.89	13.48	19.01	12.68

Type Of Series	Mono PERC Cut Cells 240W
Total Number of Cells:	64
Cell Matrix:	16 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1540X765X35
Module Area (sqm):	1.178
Junction Box:	3Rail 2Diode
Diode Ration (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	15.32
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

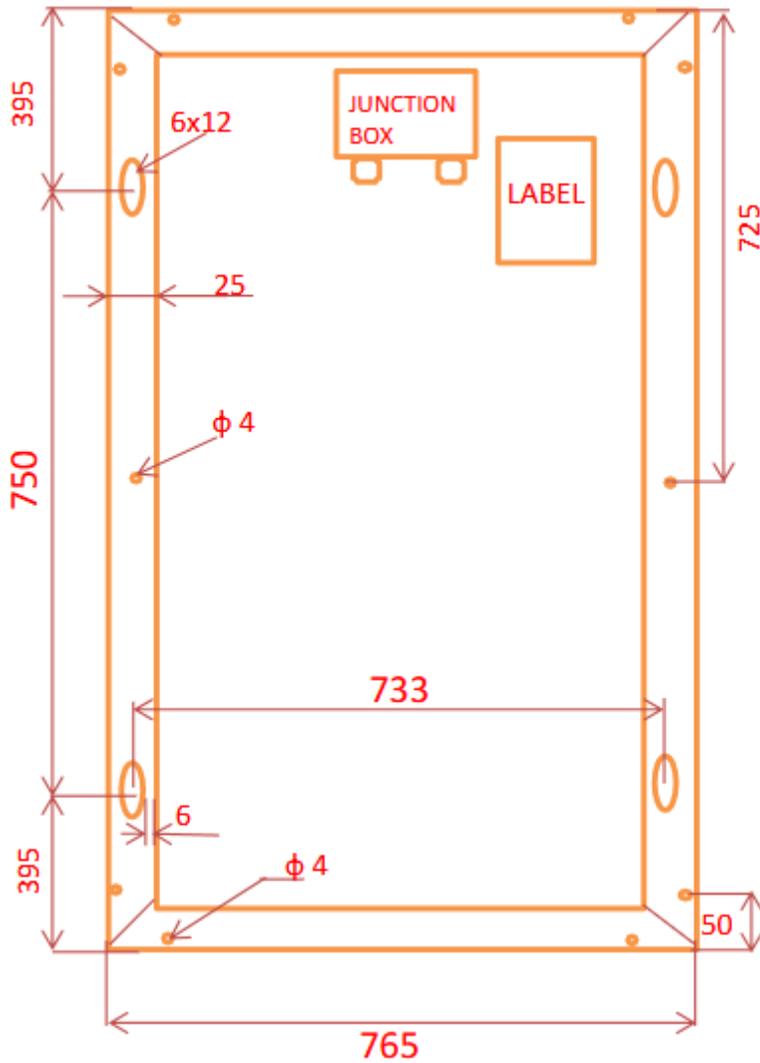
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 240 Watt**



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

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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 245 Watt**

Technical specifications of module

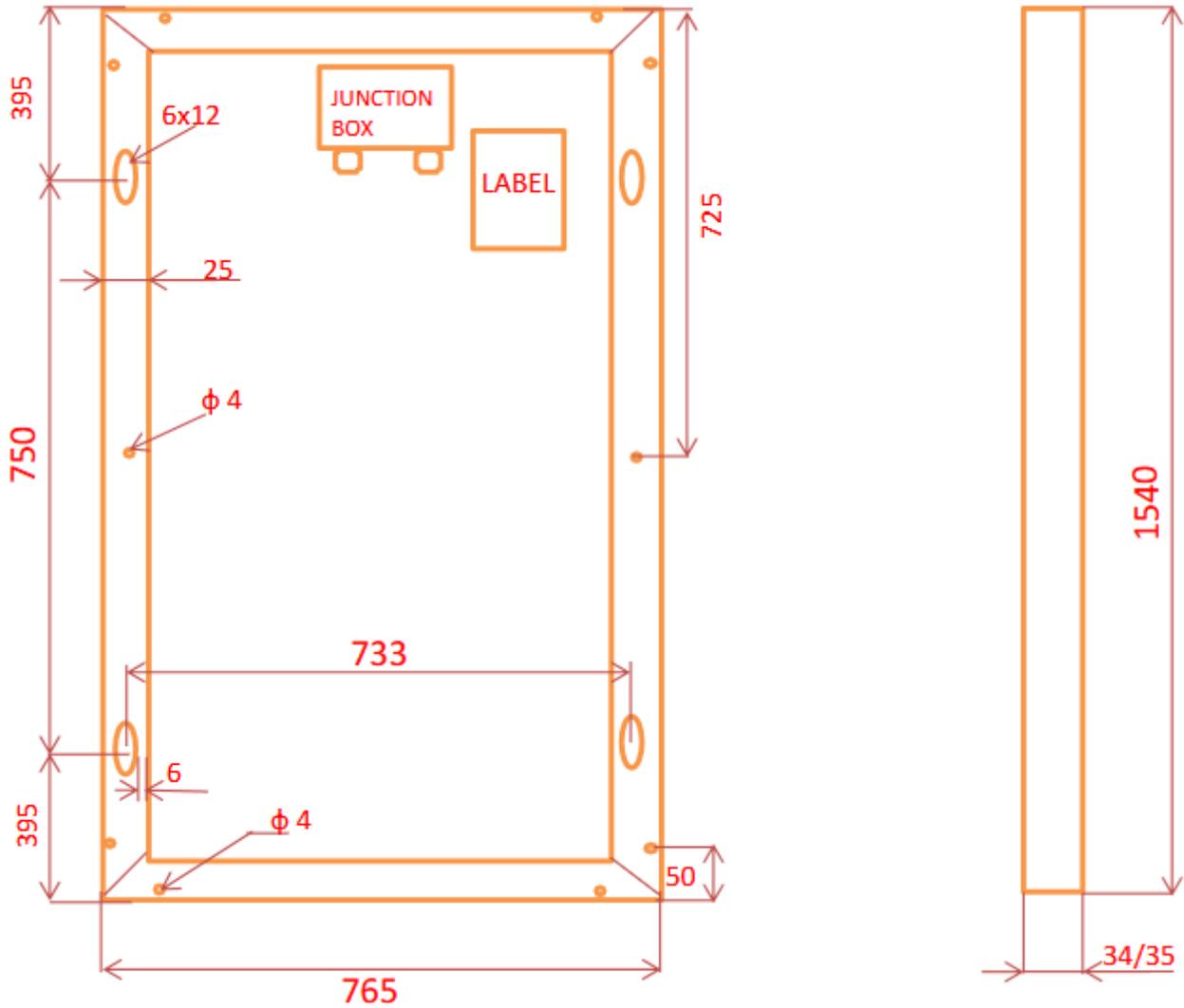
Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
245 (24V)	44.12	6.74	38.72	6.34
245 (12V)	22.06	13.48	19.36	12.68

Type Of Series	Mono PERC Cut Cells 245W
Total Number of Cells:	64
Cell Matrix:	16 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1540X765X35
Module Area (sqm):	1.178
Module Efficiency (%):	>20
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	15.32
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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 245 Watt



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

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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 250 Watt**

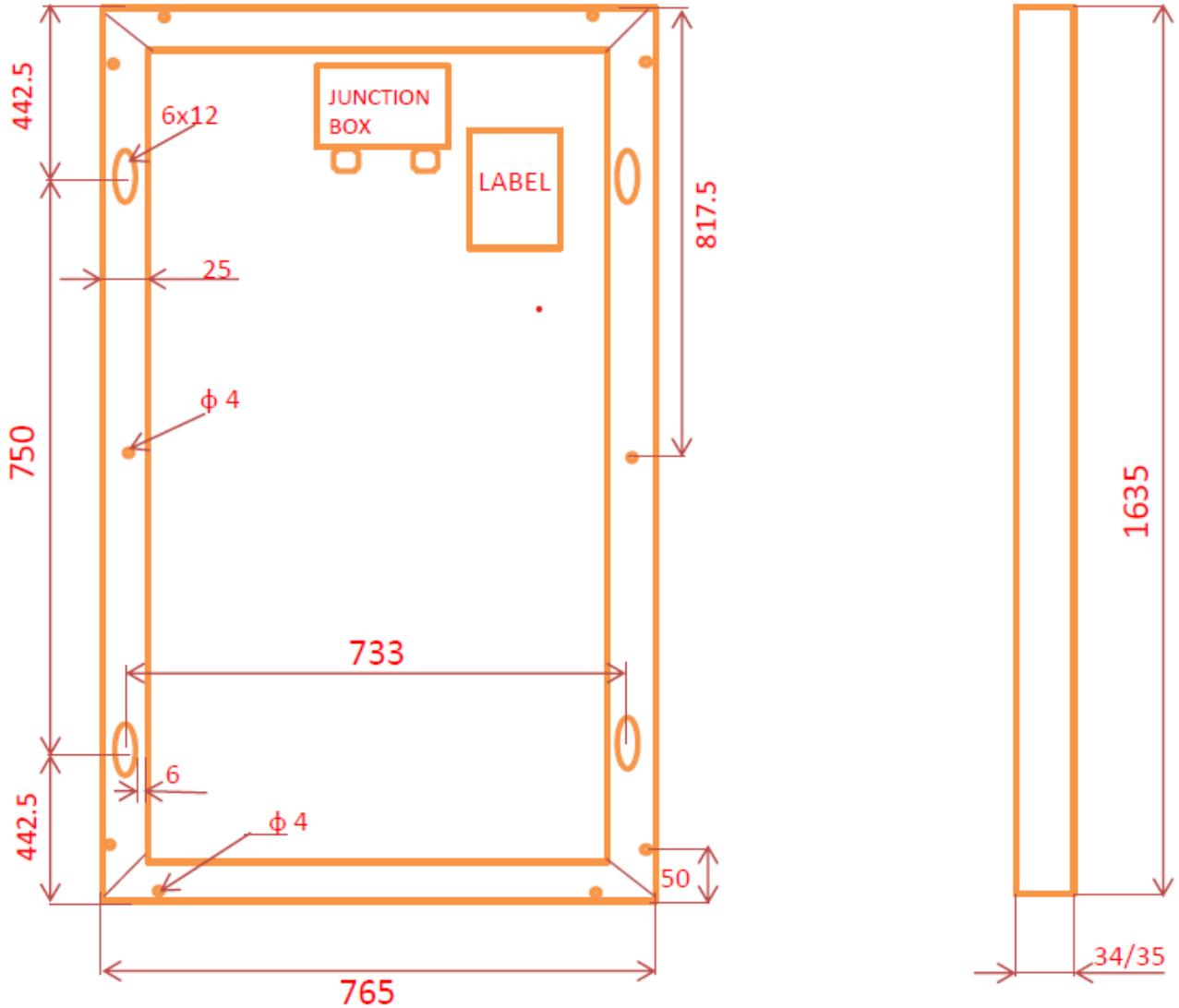
Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
250 (24V)	46.05	6.74	39.99	6.27
250 (12V)	23.03	13.48	19.99	12.54

Type Of Series	Mono PERC Cut Cells 250W
Total Number of Cells:	68
Cell Matrix:	17 X 4
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1635X765X35
Module Area (sqm):	1.251
Module Efficiency (%):	>20
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	16.26
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

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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 250 Watt**



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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 270 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
270 (24V)	49.25	6.75	42.77	6.34
270 (12V)	24.63	13.5	21.39	12.68

Type Of Series	Mono PERC Cut Cells 270W
Total Number of Cells:	72
Cell Matrix:	12 X 6
Max System Voltage (V):	1000
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1727X765X35
Module Area (sqm):	1.32
Module Efficiency (%):	>20
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	17.18
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

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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 275 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
270 (24V)	49.63	6.75	43.56	6.34
270 (12V)	24.82	13.5	21.78	12.68

Type Of Series	Mono PERC Cut Cells 275W
Total Number of Cells:	72
Cell Matrix:	12 X 6
Max System Voltage (V):	1000
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	1727X765X35
Module Area (sqm):	1.32
Module Efficiency (%):	>20
Junction Box:	3Rail 2Diode
Diode Rating (No of Diode):	15A10 (2Nos)
Cable & Connector:	Optional
Weight (Kg):	17.18
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

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