



Sun2earth solar

Doc. No.

Doc. Date:

Rev. No. 00

Rev. Date:

Page 1 of 2

CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 45 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
45	23.36	2.31	20.14	2.27

Type Of Series	TopCon Cut Cells 45W
Total Number of Cells:	32
Cell Matrix:	16 X 2
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	570X400X30
Module Area (sqm):	0.228
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

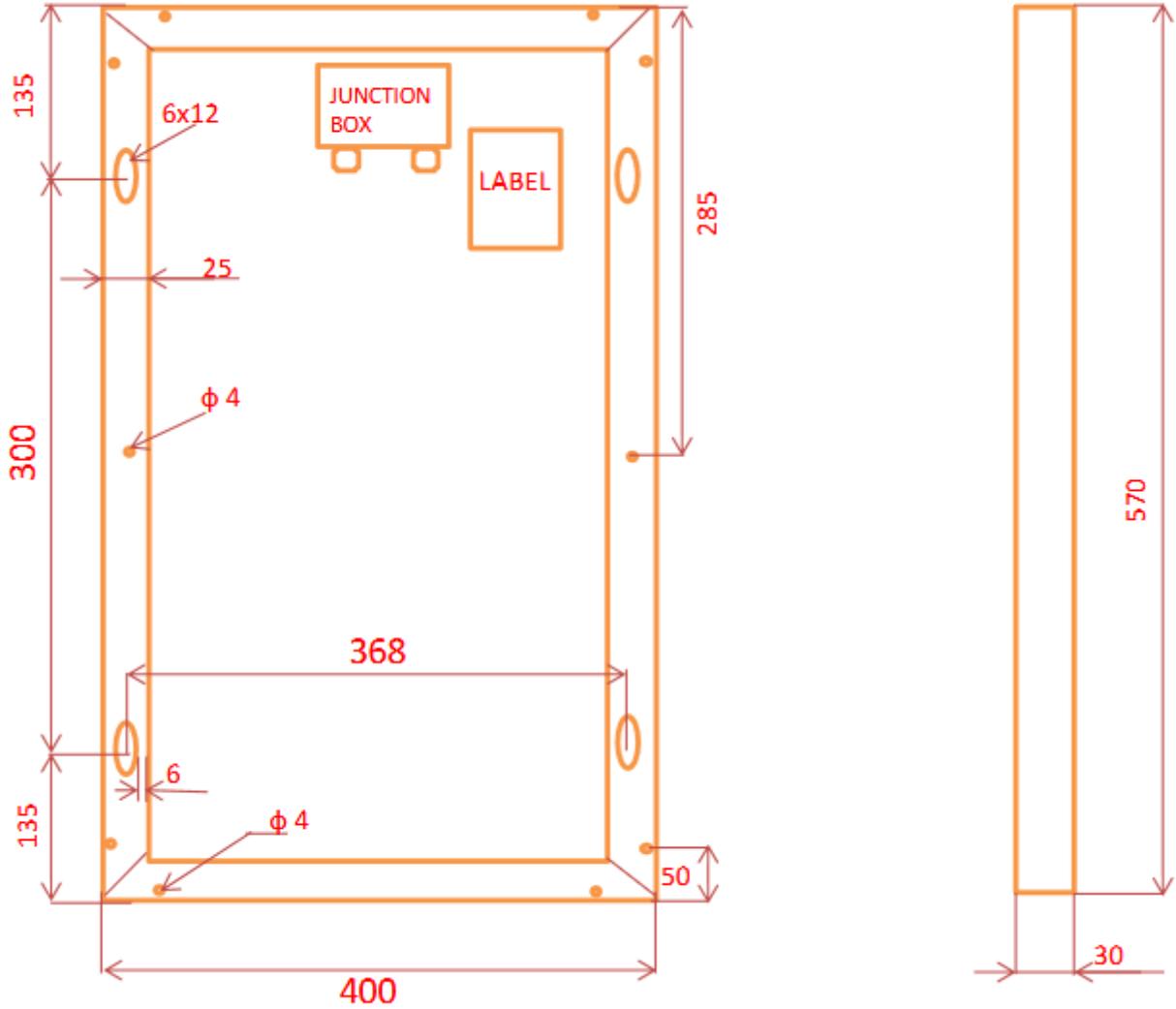
Prepared By

Chandrama

Approved By

Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 45 Watt**



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

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Page 1 of 2

CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 50 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
50	26.28	2.31	22.32	2.27

Type Of Series	TopCon Cut Cells 50W
Total Number of Cells:	36
Cell Matrix:	18 X 2
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	633X400X30
Module Area (sqm):	0.2532
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

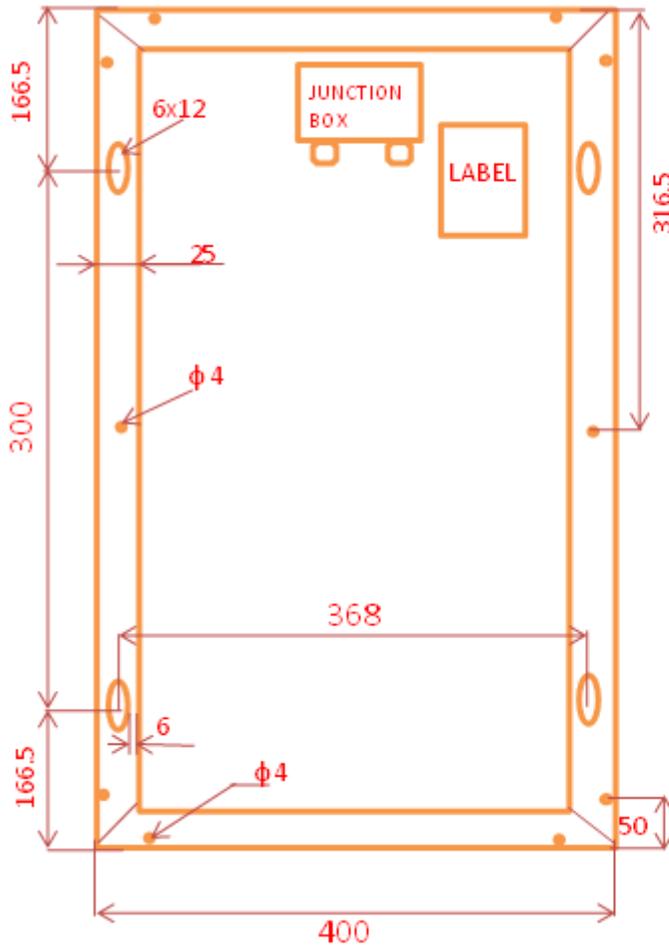
Prepared By

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



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

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Doc. No. Draft

Doc. Date: --

Rev. No. 00

Rev. Date:

Page 1 of 2

CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 55 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
55	23.36	2.78	20.16	2.73

Type Of Series	TopCon Cut Cells 55 W
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 (%):	>19
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

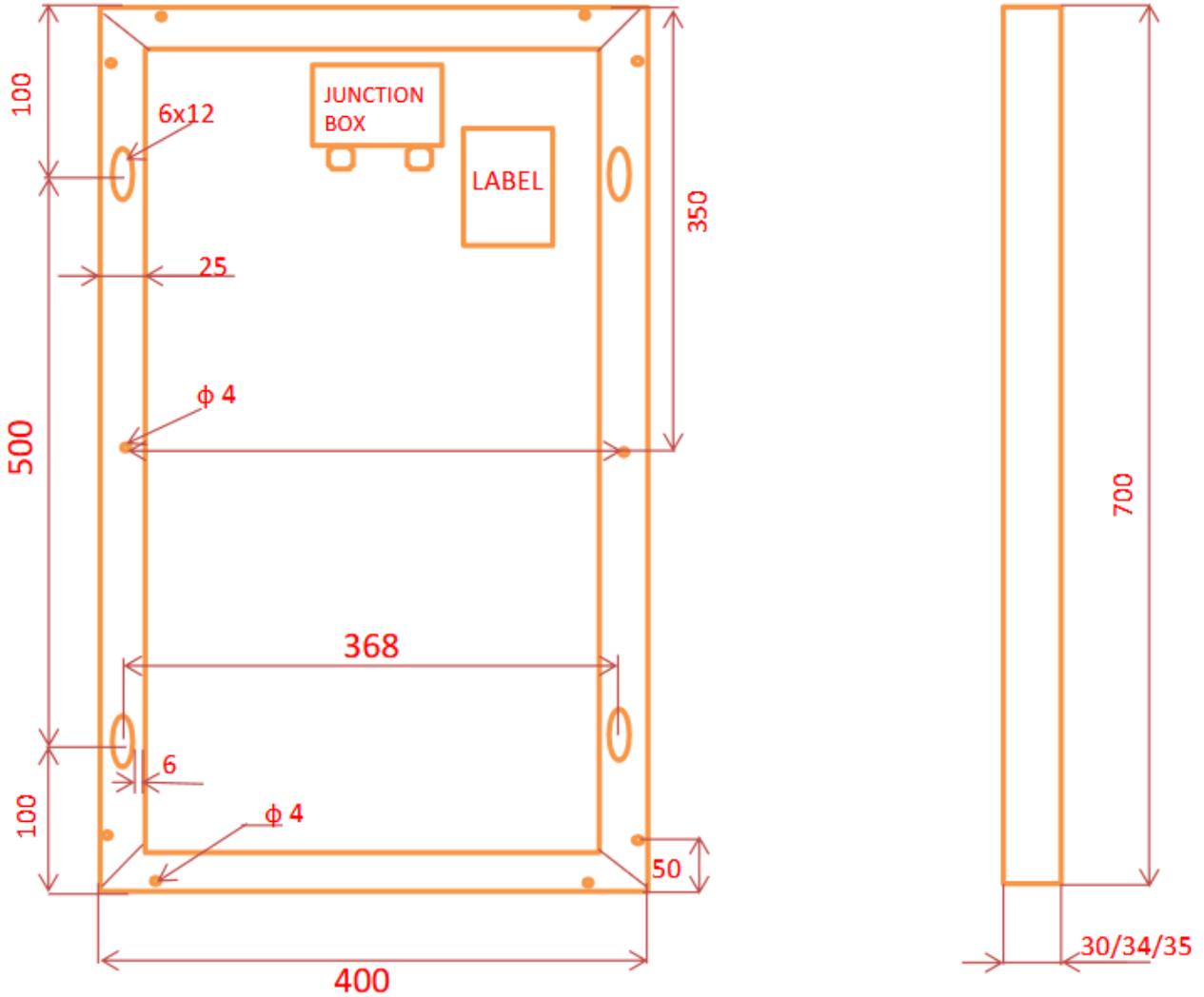
Prepared By

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Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 55 Watt**



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

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Doc. No.	Draft
Doc. Date:	--
Rev. No.	00
Rev. Date:	

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

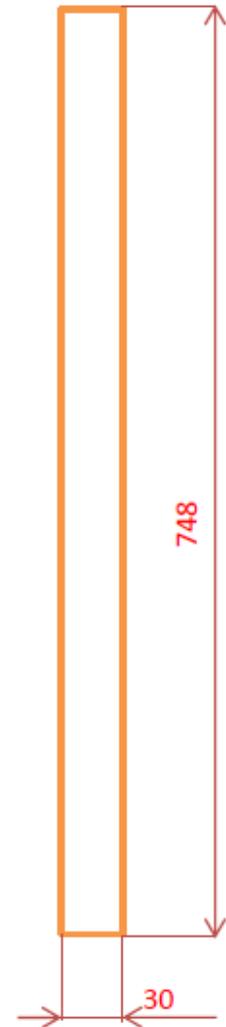
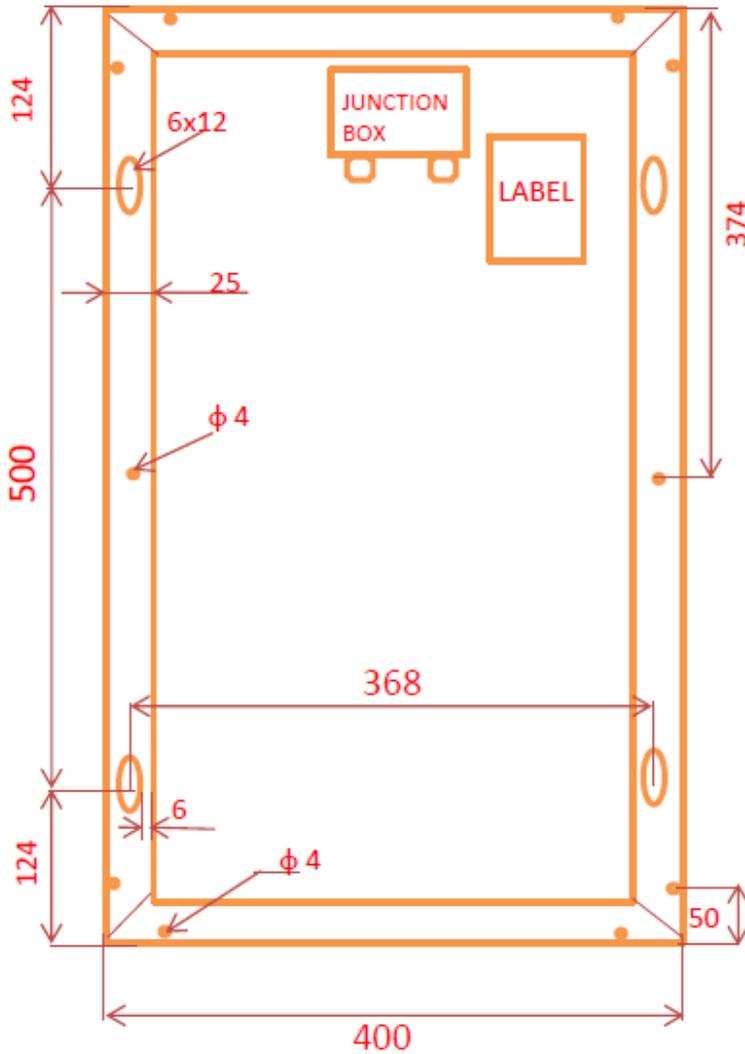
Technical specifications of module

Type Family				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
60	25.81	2.84	22.17	2.72

Type Of Series	Mono PERC Cut Cells 60 W
Total Number of Cells:	36
Cell Matrix:	18 X 2
Max System Voltage (V):	600
Application Class:	A
Protection Calss:	II
Module Dimensions (mmXmmXmm):	748X400X30
Module Area (sqm):	0.299
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 Chandrama	Approved By Bhavesh Patel
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 60 Watt**



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

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Doc. No. Draft

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Rev. No. 00

Rev. Date:

Page 1 of 2

CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 65 Watt

Technical specifications of module

<u>Type Family</u>				
Pmax (W)	Voc (V)	Isc (A)	Vmp (V)	Imp (A)
65	22.82	3.51	19.59	3.36

Type Of Series	Mono PERC Cut Cells 65W
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 (%):	>19
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

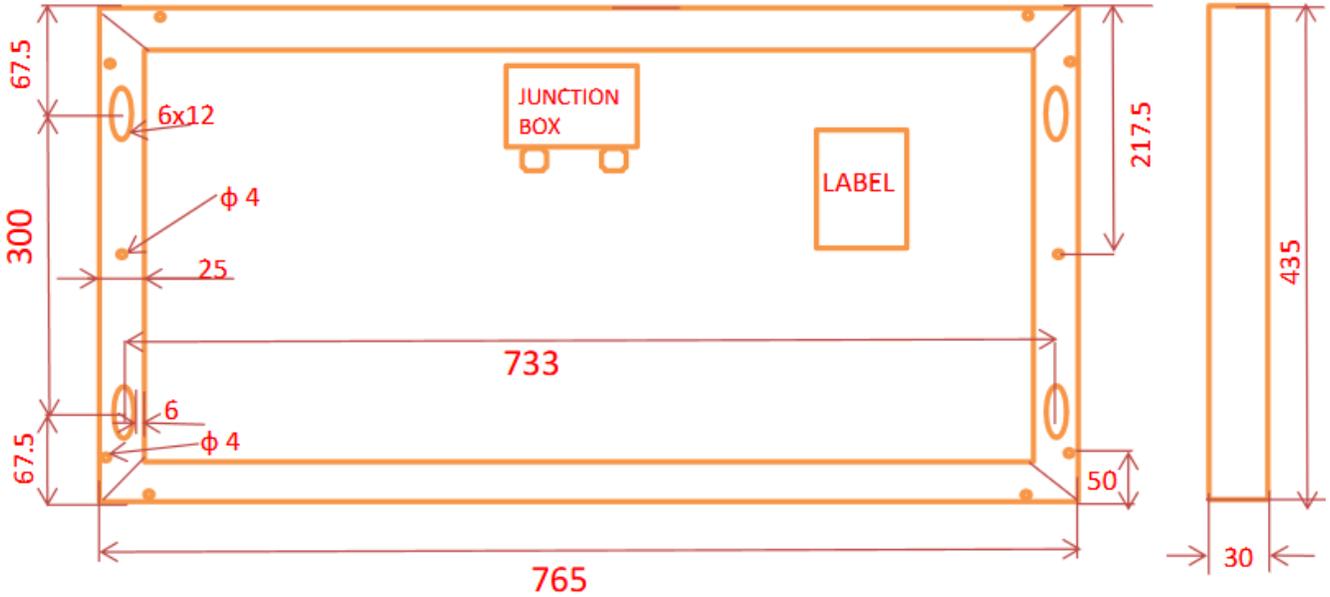
Prepared By

Chandrama

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Bhavesh Patel

**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 65 Watt**



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

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