



Sun2earth solar

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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

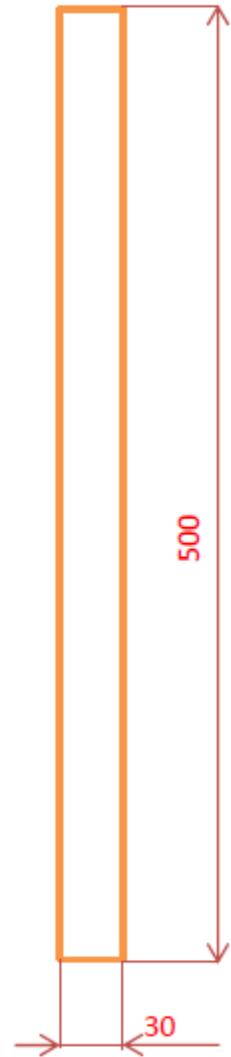
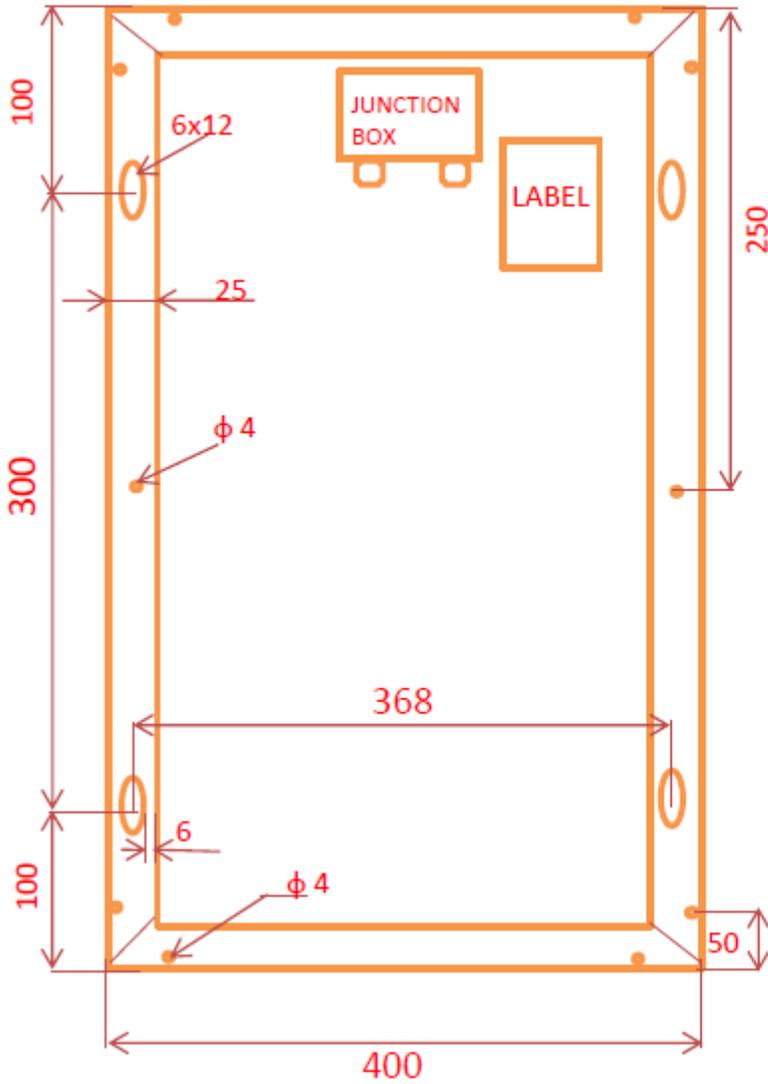
Prepared By

Chandrama

Approved By

Bhavesh Patel

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



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

Prepared By Chandrama	Approved By Bhavesh Patel
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CONSTRUCTIONAL DATA FORM FOR PHOTOVOTAIC MODULES 40 Watt

Technical specifications of module

<u>Type Family</u>				
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:	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 (%):	>17
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

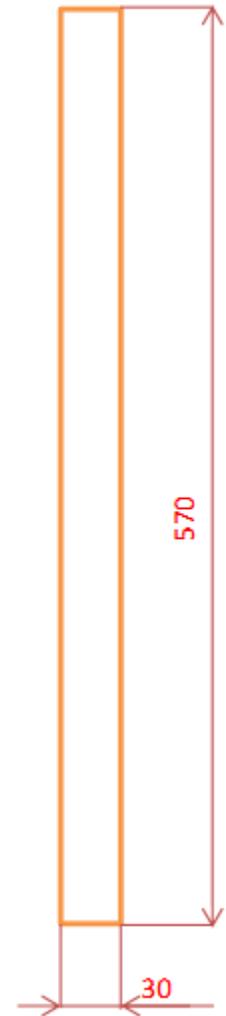
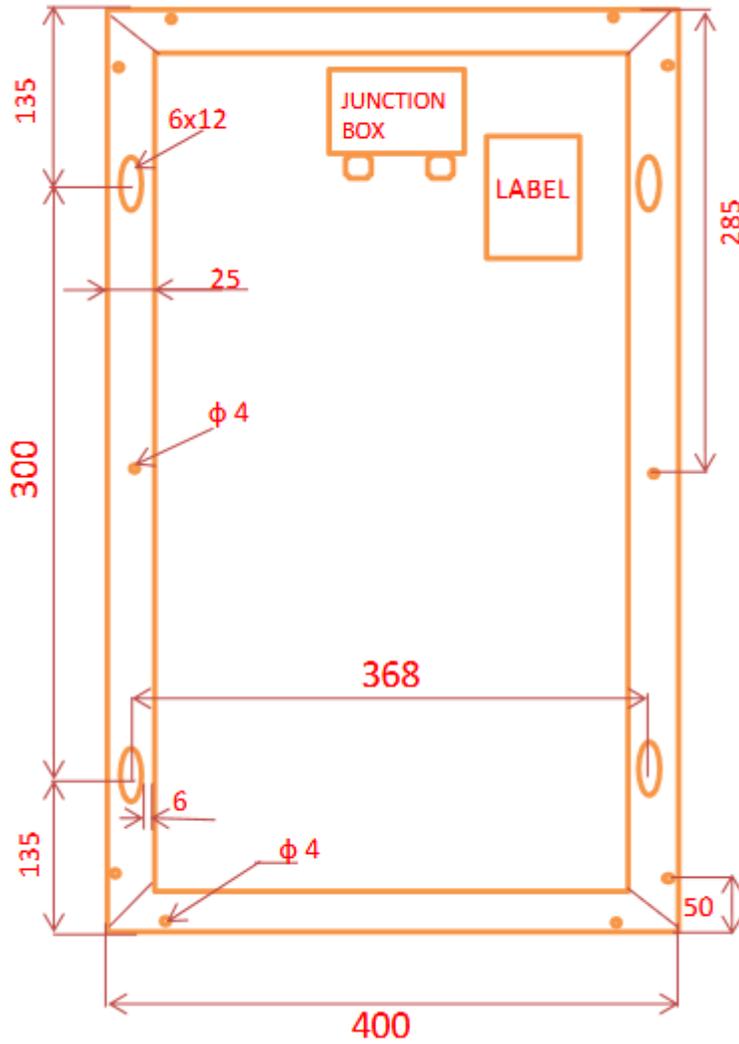
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 40 Watt**



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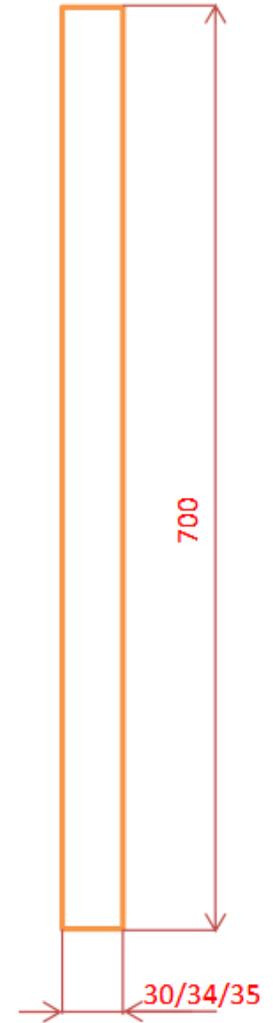
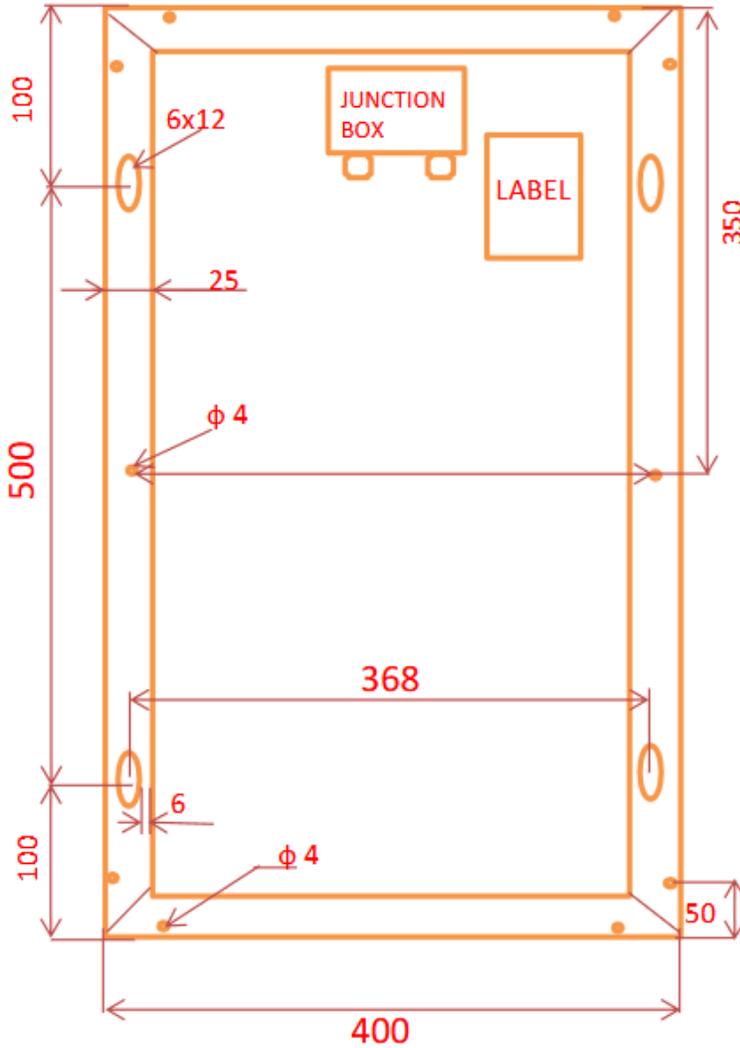
Technical specifications of module

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):	0.228
Module Efficiency (%):	>17
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 50 Watt**



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

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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	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
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

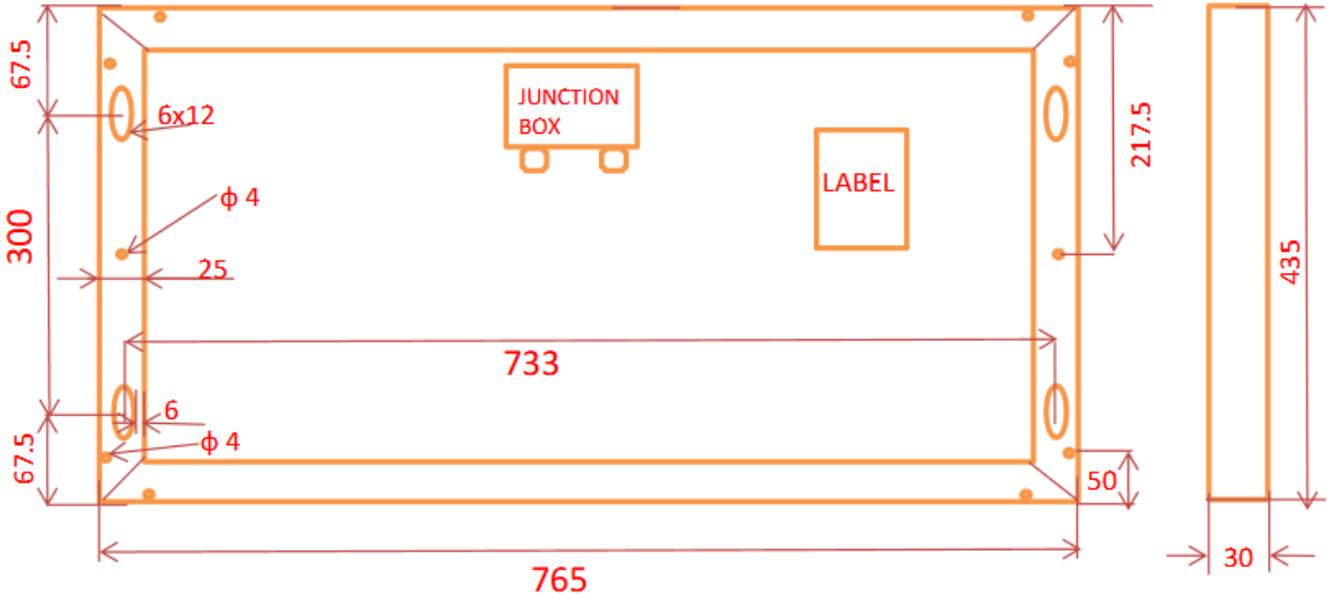
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**CONSTRUCTIONAL DATA FORM FOR
PHOTOVOTAIC MODULES 60 Watt**



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