



Himalayan Solar

Power Solution for a **Shining Future**



**SOLAR MODULE
MANUFACTURER &
COMPREHENSIVE EPC
SOLUTION PROVIDER**



HIMSOL-30243 (320Wp- 345Wp)



Himalayan Solar

Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol -20243	320	233	45.93	42.71	38.95	33.83	8.36	6.64	8.87	7.45	16.4
Himsol -25243	325	237	46.296	41.67	39.31	28.85	8.42	6.77	8.92	7.31	16.6
Himsol -30243	330	240	46.152	42.92	39.45	34.26	8.42	6.69	8.91	7.48	16.9
Himsol -35243	335	244	46.36	41.72	39.60	36.08	8.47	6.81	9.00	7.37	17.1
Himsol -40243	340	248	46.65	43.38	39.82	34.58	8.55	6.79	9.13	7.66	17.4
Himsol -45243	345	251	46.8	42.12	40.32	36.73	8.56	6.88	9.14	7.49	17.6

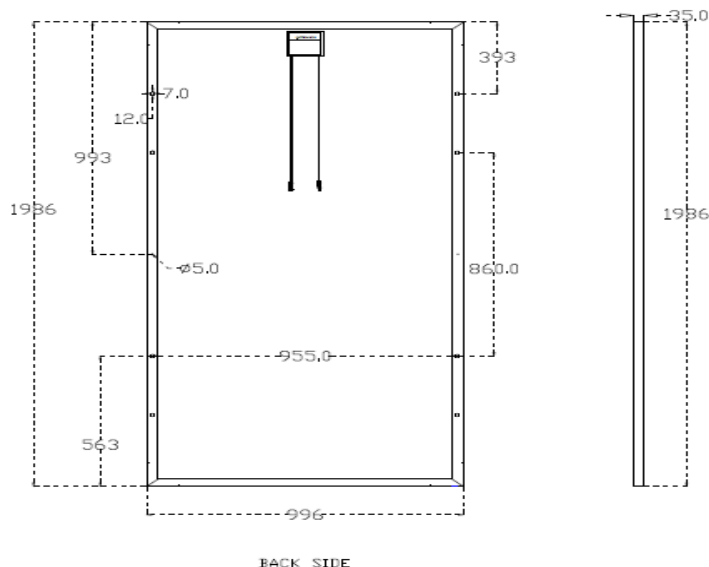
Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage	1000 V	Serve Fuse Rating	20/30 A
----------------	--------	-------------------	---------

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x WxT)	1986mm(L)x 996MM(W) x 35mm(T)
Weight	25 Kgs
Solar Cells Per Module/ Arrangement	72 Full Cell / (12x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80

HIMSOL-00243
(285 W_p, 300W_p,315 W_p)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol -85242	285	208	39	36.27	33.60	29.18	8.56	6.80	9.14	7.67	17.5
Himsol -00243	300	219	44.856	41.72	37.56	29.83	8.25	7.67	8.52	7.07	15.38
Himsol -72	315	229.95	45.79	41.21	38.73	35.28	8.31	6.68	8.82	7.22	16.15

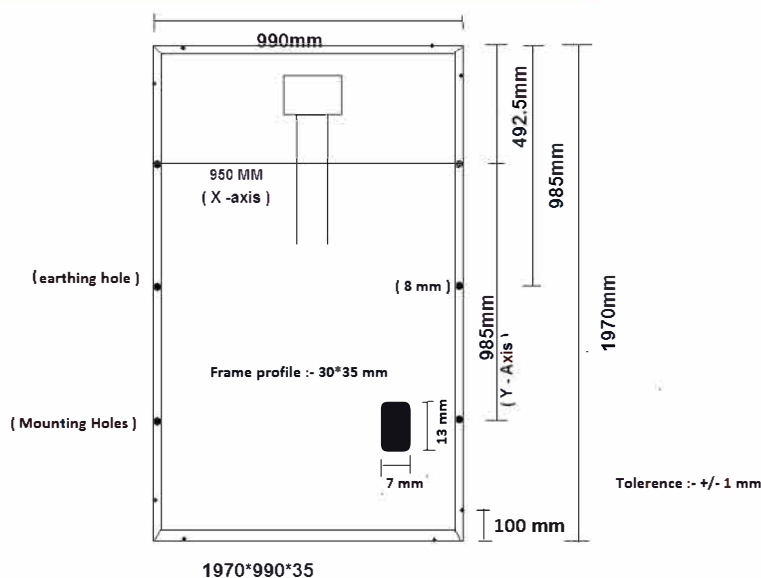
Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage	1000 V	Serve Fuse Rating	20/30 A
----------------	--------	-------------------	---------

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	1970mm(L)x 990MM(W) x 35mm(T)
Weight	25 Kgs
Solar Cells Per Module/ Arrangement	72 Full Cell / (12x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



Power Solution for a Shining Future

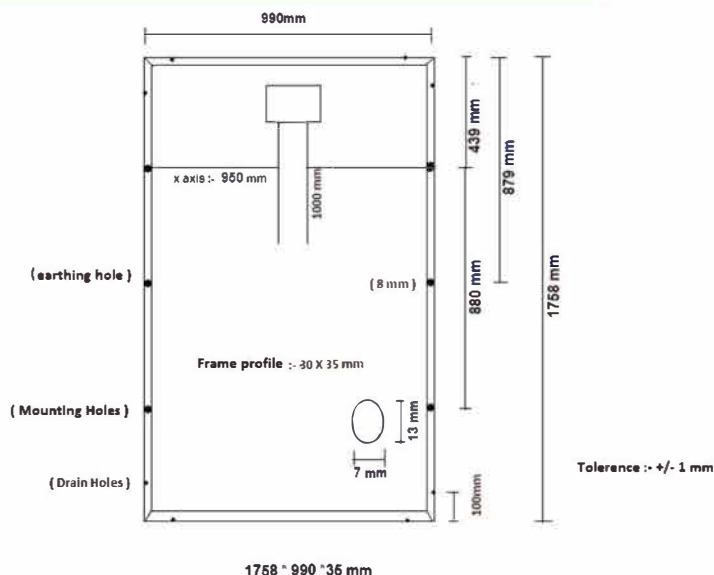
MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 72/300	300	218.4	46.29	45.17	39.45	34.20	7.68	6.09	8.10	6.78	17.24
Himsol-72/295	295	213.8	46.15	45.05	39.34	34.00	7.50	5.93	7.94	6.63	16.95
Himsol-72/290	290	210	45.79	44.46	38.88	33.51	7.43	5.88	7.57	6.58	16.66
Himsol-72/285	285	206.62	45.64	44.27	38.66	33.36	7.40	5.86	7.82	6.55	16.38
Himsol-72/280	280	203.84	45.36	44.01	38.52	33.25	7.36	5.83	7.79	6.52	16.09

System Voltage	1000
----------------	------

Serve Fuse Rating	20
-------------------	----

Length x width x Thickness (L x WxT)	1758 mm(L)x 990MM(W) x 35mm(T)
Weight	20 Kgs
Solar Cells Per Module/ Arrangement	72 Cut Cell / (12x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

THERMAL CHARACTERISTICS



Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (?C)	45 ± 2
Operating Temperature (?C)	-40 to 80

HIMSOL-75242 (275Wp)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol -75242	275	200	38.76	34.88	33.00	30.06	8.49	6.83	9.01	7.38	16.9

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

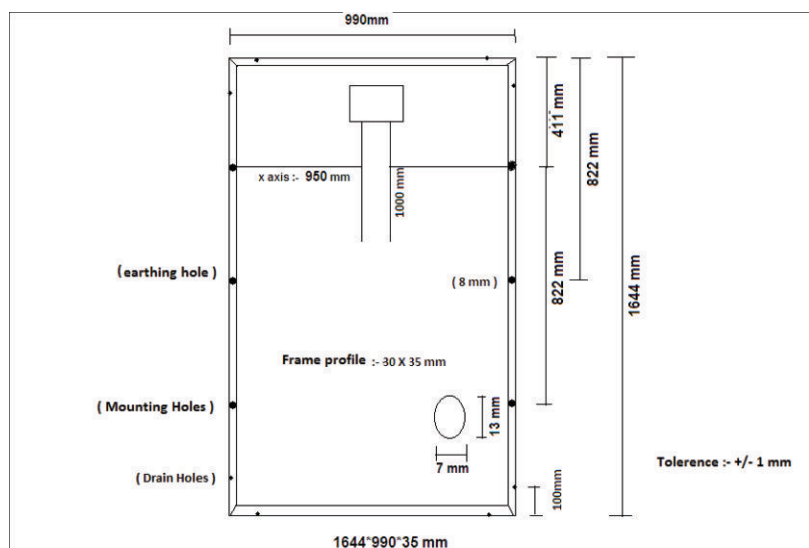
System Voltage 1000 V

Serve Fuse Rating 20/30 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	1644mm(L)x 990MM(W) x 35mm(T)
Weight	20 Kgs
Solar Cells Per Module/ Arrangement	60 Full Cell / (10x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80

HIMSOL-72/275 (275W_p)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol-72/275	275	199.27	46.15	44.81	39.45	34.10	7.02	5.56	7.43	6.22	16.90

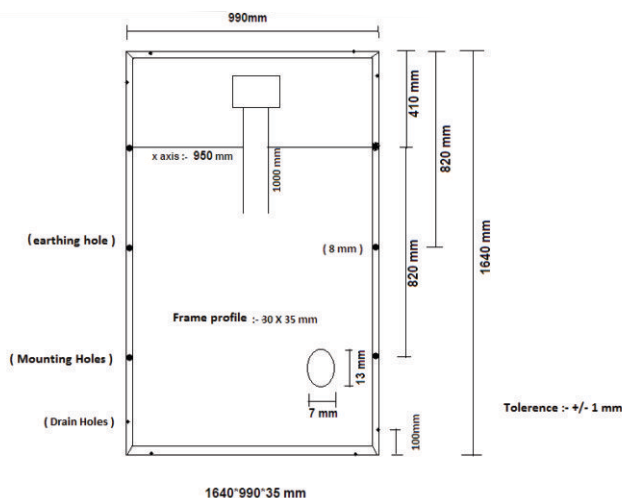
Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage	1000 V	Serve Fuse Rating	20/30 A
----------------	--------	-------------------	---------

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	1640 mm(L) x 992MM(W) x 35mm(T)
Weight	20 Kgs
Solar Cells Per Module/ Arrangement	72 Cut Cell / (12x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80

HIMSOL-60 (250W_p- 270W_p)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol -70242	270	197	38.7	35.99	32.94	28.61	8.46	7.10	8.98	7.13	16.59
Himsol -65242	265	193	38.22	34.40	32.94	30.01	8.34	6.83	8.85	7.11	16.28
Himsol -60	260	189	38.16	35.49	32.28	28.04	8.31	6.97	8.82	7.00	15.97
Himsol -50242	250	182	37.38	34.76	31.63	27.47	8.12	6.82	8.72	6.93	15.36

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

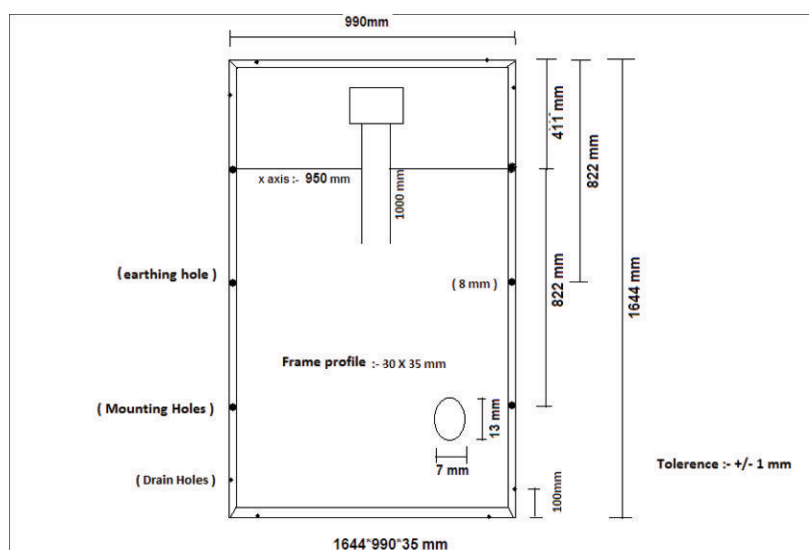
Serve Fuse Rating

20/30 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	1644mm(L)x 990MM(W) x 35mm(T)
Weight	20 Kgs
Solar Cells Per Module/ Arrangement	60 Full Cell / (10x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 72/270	270	196.53	45.93	44.06	39.16	33.99	6.99	5.52	7.40	6.14	16.60
Himsol-72/265	265	192.92	45.64	43.29	38.66	33.44	6.92	5.48	7.32	6.13	16.29
Himsol- 72/260	260	189.02	45.28	44.01	38.16	33.12	6.9	5.47	7.32	6.11	15.98
Himsol- 72/255	255	185.65	45.14	43.87	37.94	32.63	6.85	5.43	7.29	6.09	15.67
Himsol- 72/250	250	180.02	44.78	43.52	37.51	32.27	6.78	5.37	7.23	6.04	15.37

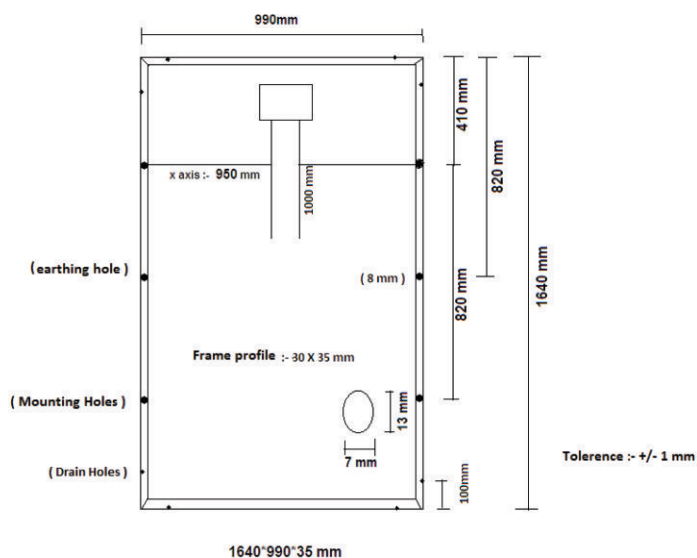
Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage	1000 V	Serve Fuse Rating	20/30 A
----------------	--------	-------------------	---------

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x WxT)	1640 mm(L)x 992MM(W) x 35mm(T)
Weight	20 Kgs
Solar Cells Per Module/ Arrangement	72 Cut Cell / (12x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (?C)	45 ± 2
Operating Temperature (?C)	-40 to 80

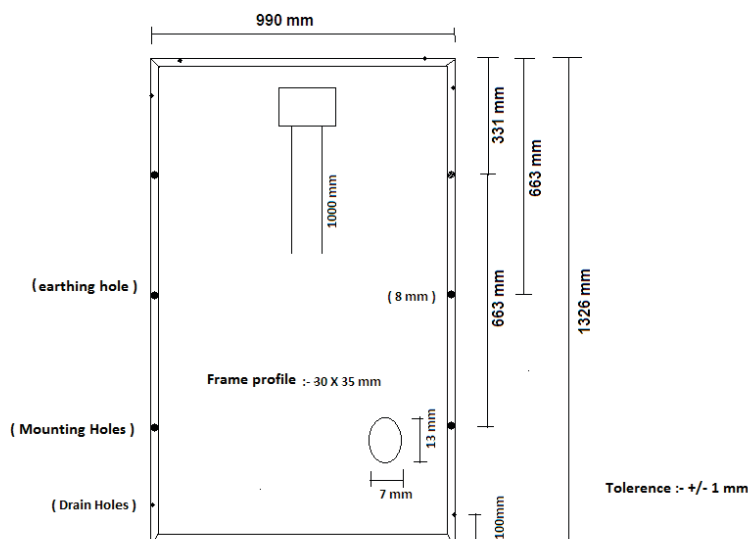
Power Solution for a Shining Future

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol -24220	220	160.81	31.008	28.22	26.4	22.93	8.488	6.75	9.005	7.54	16.76
Himsol -24210	210	153.00	32.624	29.03	25.968	26.40	8.357	6.73	8.874	7.38	16
Himsol -24200	200	146.00	30.528	27.16	25.824	24.72	8.312	6.69	8.817	7.34	15.24

20/30 A

Length x width x Thickness (L x WxT)	1326 mm(L)x 990mm(W) x 35mm(T)
Weight	18 Kgs
Solar Cells Per Module/ Arrangement	48 Full Cell / (8x6)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Connector	IP67
Cable Cross-Section & Length	4mm ² & 1000 mm
Frame	Anodized Aluminium Alloy

THERMAL CHARACTERISTICS



Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (?C)	45 ± 2
Operating Temperature (?C)	-40 to 80

HIMSOL-12155 (150W_p- 160W_p)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol -12160	160	116.00	23.112	20.50	19.62	18.71	8.386	6.75	8.898	7.32	16.18
Himsol -12155	155	113.00	22.93	20.87	19.404	16.85	8.342	6.62	8.846	7.21	15.67
Himsol -12150	150	109.00	22.896	21.29	19.368	16.82	8.31	6.60	8.817	7.11	15.17

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

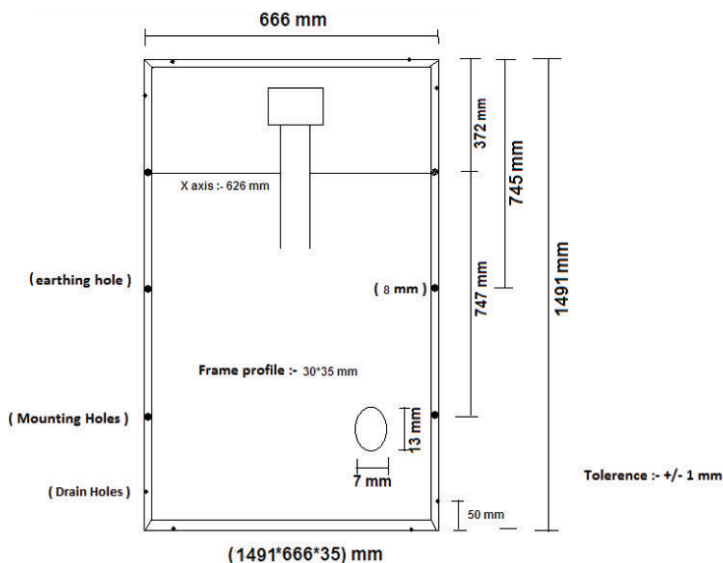
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x WxT)	1485 mm(L)x 666mm(W) x 35mm(T)
Weight	15 Kgs
Solar Cells Per Module/ Arrangement	36 Full Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80

HIMSOL-12120 (115Wp- 125Wp)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	Pmax (Wp)		Voc(V)		Vmp(V)		Imp(A)		Isc(A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol-12125	125	91.00	23.18	22.53	19.8	17.18	6.47	5.13	6.87	5.75	16.29
Himsol-12120	120	87.36	22.89	22.24	19.44	16.85	6.37	5.05	6.74	5.64	15.64
Himsol-12115	115	83.72	22.46	21.83	18.86	16.37	6.24	4.94	6.64	5.56	14.99

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

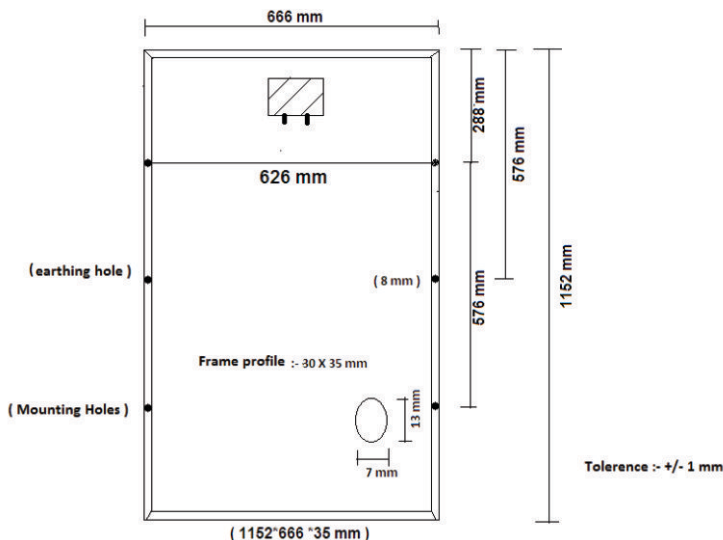
System Voltage 1000 V

Serve Fuse Rating 15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x WxT)	1152 mm(L)x 666mm(W) x 35mm(T)
Weight	12 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P max (-)	0.38%/K
Temp. Co-efficient of Voc (-)	0.31%/K
Temp. Co-efficient of Isc (+)	0.05%/K
NOCT (°C)	45 $\pm$ 2
Operating Temperature (°C)	-40 to 80

HIMSOL-12105 (100W_p- 110W_p)



Himalayan Solar
Power Solution for a Shining Future

ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 12110	110	80.08	23.18	22.53	19.8	17.18	5.66	4.48	6.01	5.03	16.24
Himsol- 12105	105	76.44	22.89	22.24	19.44	16.87	5.57	4.41	5.9	4.94	15.50
Himol-12100	100	72.08	22.46	21.83	18.86	16.37	5.46	4.32	5.81	4.86	14.76

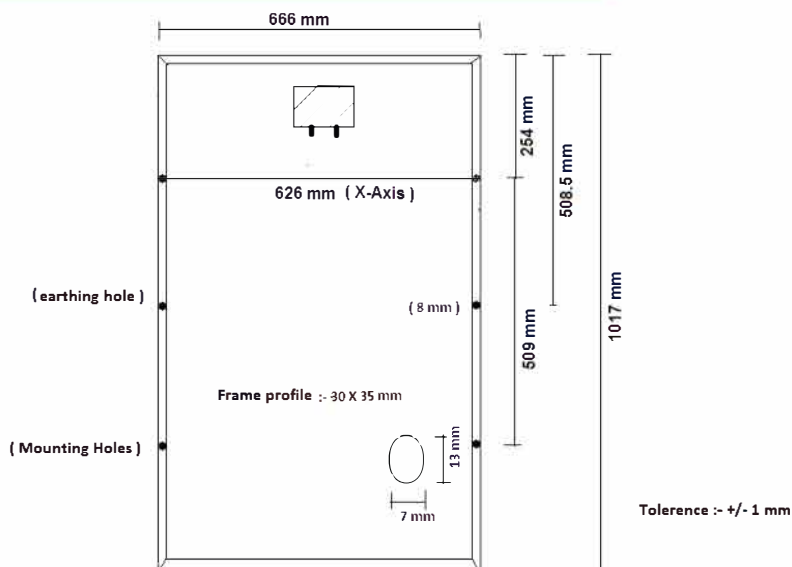
Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage	1000 V	Serve Fuse Rating	15 A
----------------	--------	-------------------	------

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	1017 mm(L) x 666mm(W) x 35mm(T)
Weight	10 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 $\pm$ 2
Operating Temperature (°C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 1285	85	61.88	23.14	22.49	19.72	17.11	4.32	3.42	4.54	3.80	16.38

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

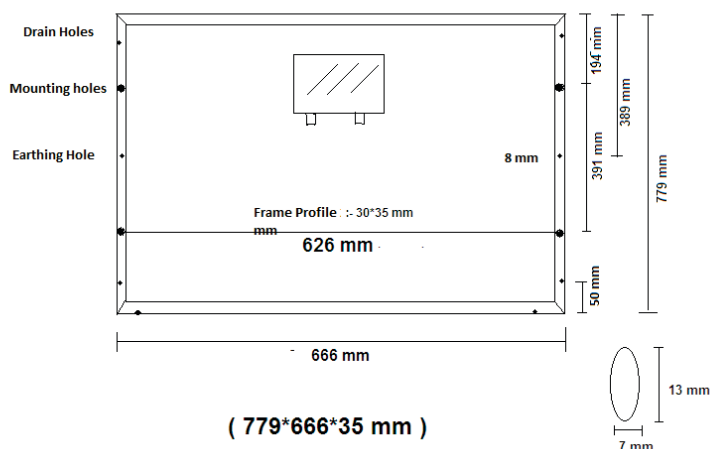
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x WxT)	779 mm(L)x 666mm(W) x 35mm(T)
Weight	8 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (?C)	45 ± 2
Operating Temperature (?C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol-1280	80	58.24	23.18	22.53	19.8	17.18	4.23	3.35	4.44	3.72	15.42

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

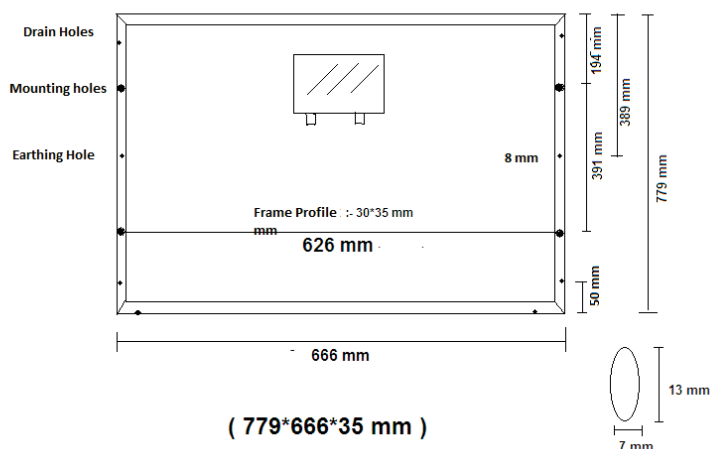
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	779 mm(L)x 666mm(W) x 35mm(T)
Weight	8 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol-1275	75	54.60	22.46	21.83	18.86	16.29	4.08	3.23	4.35	3.64	14.46

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

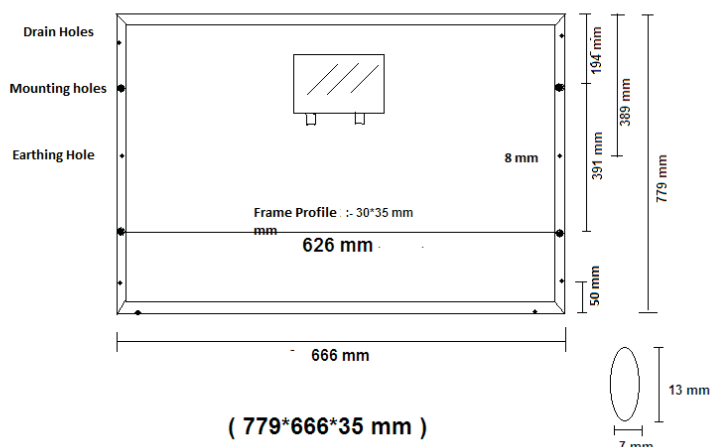
System Voltage	1000 V
----------------	--------

Serve Fuse Rating	15 A
-------------------	------

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	779 mm(L)x 666mm(W) x 35mm(T)
Weight	8 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol-1265	65	47.32	23.18	22.53	19.8	17.18	3.34	2.64	3.55	2.97	15.49

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

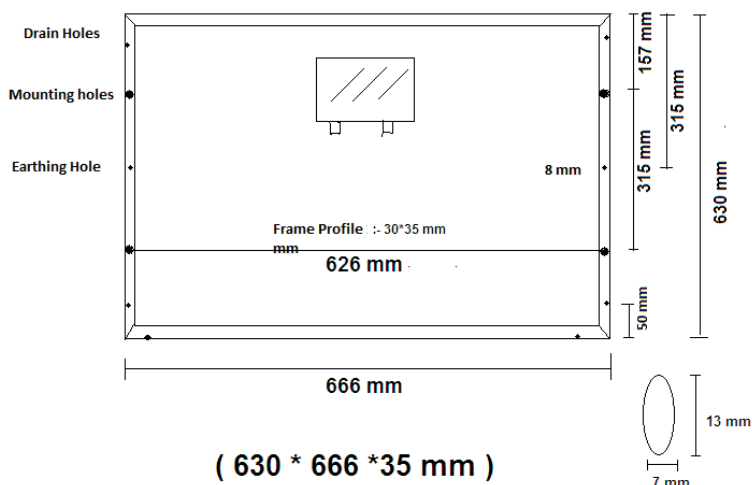
System Voltage 1000 V

Serve Fuse Rating 15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	630 mm(L)x 666mm(W) x 35mm(T)
Weight	7 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 1260	60	43.60	22.68	22.04	19.26	16.73	3.26	2.58	3.45	2.89	14.30

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

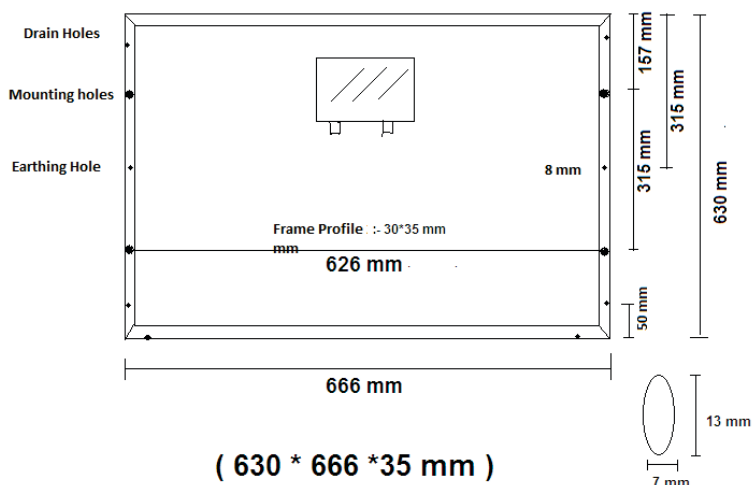
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x WxT)	630 mm(L)x 666mm(W) x 35mm(T)
Weight	7 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (?C)	45 ± 2
Operating Temperature (?C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 1255	55	40.04	23.07	22.42	19.72	17.11	2.788	2.21	2.95	2.47	15.29

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

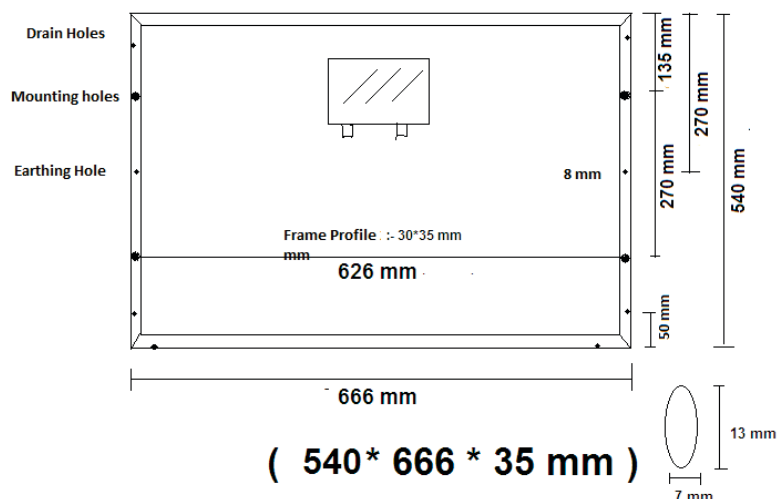
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	540 mm(L)x 666mm(W) x 35mm(T)
Weight	5 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol-1250	50	36.40	22.896	22.25	19.368	16.80	2.75	2.18	2.92	2.44	13.90

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

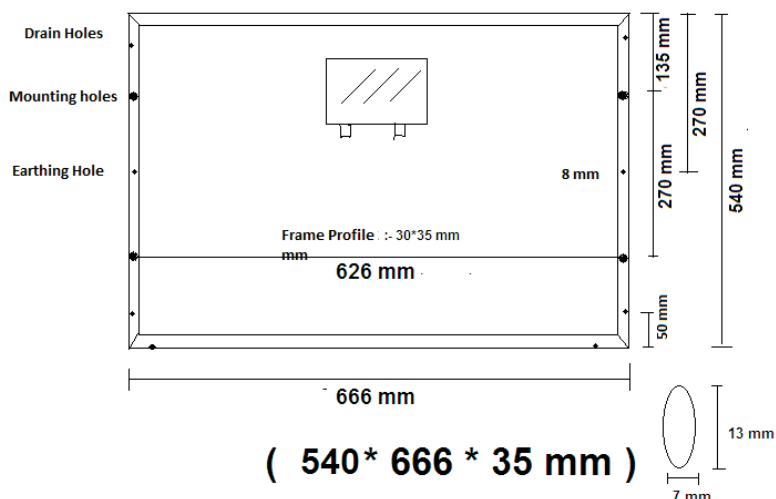
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	540 mm(L) x 666 mm(W) x 35 mm(T)
Weight	5 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80



ELECTRICAL CHARACTERISTICS

MODEL NO	P _{max} (W _p)		V _{oc} (V)		V _{mp} (V)		I _{mp} (A)		I _{sc} (A)		Module Efficiency (%)
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	
Himsol- 1240	40	35.74	23.112	22.46	19.62	17.03	2.09	1.65	2.22	1.86	13.17

Under Standard Test Condition (STC) of irradiance of 1000 w/m², spectrum AM 1.5 and cell temperature of 25°C.

System Voltage

1000 V

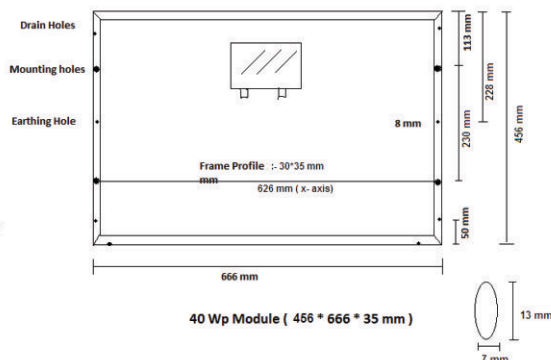
Serve Fuse Rating

15 A

MECHANICAL CHARACTERISTICS

Length x width x Thickness (L x W x T)	456 mm(L) x 666mm(W) x 35mm(T)
Weight	4.5 Kgs
Solar Cells Per Module/ Arrangement	36 Cut Cell / (9x4)
Solar Cell	Polycrystalline/ Multicrystalline
Front Glass	3.2 mm Low Iron and Tempered Glass (ARC)
Encapsulate	PID Free & UV Resistant
Junction Box Iprotection degree	IP65/IP67
Frame	Anodized Aluminium Alloy

DESIGN SPECIFICATIONS



THERMAL CHARACTERISTICS

Temp. Co-efficient of P _{max} (-)	0.38%/K
Temp. Co-efficient of V _{oc} (-)	0.31%/K
Temp. Co-efficient of I _{sc} (+)	0.05%/K
NOCT (°C)	45 ± 2
Operating Temperature (°C)	-40 to 80