

Quality products start with quality people

**MONO SOLAR PANEL SPECS**

**Technical Specifications**

General specifications for this type

Temperature Coefficients of Isc(%)°C	0.04
Temperature Coefficients of Voc(%)°C	-0.38
Temperature Coefficients of Pm(%)°C	0.047
Temperature Coefficients of Im(%)°C	0.04
Temperature Coefficients of Vm(%)°C	-0.38
Temperature Range	-40°C to +85°C
Tolerance Wattage(e.g. +/-5%)	±5%
Surface Maximum Load Capacity	2400Pa

Allowable Hail Load	23m/s, 7.53g
Junction Box Type	Pass the TUV Certificate
Bypass Diode Rating(A)	12
Caple & Connector Type	Pass the TUV Certificate
Backing (Brand Type)	TPT
Warranty	90% of 10 years,80% of 25 years.
Standard Test Conditions	AM1.5 1000W/m <sup>2</sup> 25 +/-2°C
FF (%)	70-76%

Model	Max power (W)	Cell Size/ Array	Cell Array	Cell efficiency (aca demi c)	Optimum Current Max(A)	Optimum Voltage Max (V)	Short Circuit Current(A)	Open Circuit Voltage(V)	Glasse size (mm)	Dimension (mm)	Weight (kg)
MO 250CE-48M	250	125*125	8*12	17.65%	4.92	50.78	5.26	59.90	1594*1044*3.2	1600*1050*40	19.5
MO 245CE-48M	245	125*125	8*12	17.31%	4.84	50.54	5.18	59.76	1594*1044*3.2	1600*1050*40	19.5
MO 240CE-48M	240	125*125	8*12	16.96%	4.77	50.30	5.10	59.61	1594*1044*3.2	1600*1050*40	19.5
MO 235CE-48M	235	125*125	8*12	16.60%	4.72	49.72	5.05	59.04	1594*1044*3.2	1600*1050*40	19.5
MO 230CE-48M	230	125*125	8*12	16.25%	4.67	49.15	5.00	58.94	1594*1044*3.2	1600*1050*40	19.5
MO 225CE-48M	225	125*125	8*12	15.90%	4.61	48.76	4.93	58.84	1594*1044*3.2	1600*1050*40	19.5
MO 220CE-48M	220	125*125	8*12	15.54%	4.60	47.80	4.92	58.65	1594*1044*3.2	1600*1050*40	19.5
MO 215CE-48M	215	125*125	8*12	15.19%	4.55	47.23	4.87	58.51	1594*1044*3.2	1600*1050*40	19.5
MO 210CE-48M	210	125*125	8*12	14.84%	4.50	46.65	4.81	58.41	1594*1044*3.2	1600*1050*40	19.5
MO 205CE-48M	205	125*125	8*12	14.48%	4.49	46.27	4.74	58.36	1594*1044*3.2	1600*1050*40	19.5
MO 200CE-48M	200	125*125	8*12	14.13%	4.43	45.63	4.68	57.60	1594*1044*3.2	1600*1050*40	19.5
MO 195CE-40M	195	125*125	8*10	16.53%	4.70	41.44	5.03	49.20	1336*1044*3.2	1340*1050*40	16.3
MO 190CE-40M	190	125*125	8*10	16.11%	4.67	40.64	5.00	49.04	1336*1044*3.2	1340*1050*40	16.3
MO 185CE-40M	185	125*125	8*10	15.68%	4.64	39.84	4.96	48.90	1336*1044*3.2	1340*1050*40	16.3
MO 180CE-36M	180	125*125	6*12	16.96%	4.77	37.72	5.10	44.71	1574*802*3.2	1580*808*35	15.0
MO 175CE-36M	175	125*125	6*12	16.48%	4.69	37.29	5.02	44.28	1574*802*3.2	1580*808*35	15.0
MO 170CE-36M	170	125*125	6*12	16.01%	4.64	36.57	4.97	44.13	1574*802*3.2	1580*808*35	15.0
MO 165CE-36M	165	125*125	6*12	15.54%	4.6	35.85	4.92	43.99	1574*802*3.2	1580*808*35	15.0
MO 160CE-36M	160	125*125	6*12	15.07%	4.53	35.28	4.85	43.84	1574*802*3.2	1580*808*35	15.0
MO 150CE-36M	150	125*125	6*12	14.13%	4.26	35.13	4.52	43.2	1574*802*3.2	1580*808*35	15.0
MO 130CE-36M	130	125*100	6*12	14.44%	3.7	35.13	3.92	43.2	1574*802*3.2	1300*808*35	10.4
MO 120CE-36M	120	125*82	6*12	16.92%	3.18	37.72	3.40	44.71	1094*802*3.2	1100*808*35	10.4
MO 115CE-36M	115	125*82	6*12	16.21%	3.11	36.86	3.33	44.20	1094*802*3.2	1100*808*35	10.4
MO 110CE-36M	110	125*82	6*12	15.51%	3.06	35.85	3.28	43.99	1094*802*3.2	1100*808*35	10.4
MO 105CE-36M	105	125*82	6*12	14.80%	2.92	35.85	3.13	43.99	1094*802*3.2	1100*808*35	10.4
MO 100CE-36M	100	125*82	6*12	14.10%	2.93	34.05	3.14	43.70	1094*802*3.2	1100*808*35	10.4
MO 90CE-36M	90	125*75	6*12	13.33%	2.70	33.33	2.88	43.63	960*802*3.2	966*808*35	10.4
MO 85CE-36M	85	125*62.5	4*18	16.01%	2.32	36.57	2.48	44.13	1218*540*3.2	1224*546*35	7.8
MO 80CE-36M	80	125*62.5	4*18	15.07%	2.26	35.28	2.42	43.84	1218*540*3.2	1224*546*35	7.8
MO 75CE-36M	75	125*62.5	4*18	14.13%	2.16	34.70	2.31	43.77	1218*540*3.2	1224*546*35	7.8
MO 70CE-36M	70	125*62.5	4*18	13.19%	2.09	33.33	2.24	43.63	1218*540*3.2	1224*546*35	7.8
MO 65CE-36M	65	125*62.5	4*18	12.25%	2.00	32.47	2.14	43.48	1218*540*3.2	1224*546*35	7.8
MO 65CE-36M	65	125*55/	4*9	13.13%	1.95	33.33	2.08	43.63	1218*540*3.2	1080*546*35	7.8
MO 60CE-18M	60	125*82	4*9	16.92%	3.18	18.86	3.40	22.35	794*540*3.2	800*546*35	5.2
MO 55CE-18M	55	125*82	4*9	15.51%	3.11	17.64	3.33	21.92	794*540*3.2	800*546*35	5.2
MO 50CE-18M	50	125*82	4*9	14.10%	2.88	17.35	3.08	21.88	794*540*3.2	800*546*35	5.2
MO 45CE-18M	45	125*65	4*9	16.18%	2.44	18.43	2.61	21.60	662*540*3.2	668*546*35	4.3
MO 40CE-18M	40	125*65	4*9	14.38%	2.30	17.35	2.46	21.88	662*540*3.2	668*546*35	4.3
MO 35CE-18M	35	125*65	4*9	12.58%	2.10	16.66	2.24	21.81	662*540*3.2	668*546*35	4.3
MO 30CE-18M	30	125*41	3*12	16.96%	1.59	18.86	1.70	22.35	574*414*3.2	580*420*28	3.4
MO 25CE-18M	25	125*41	3*12	14.13%	1.44	17.35	1.54	21.88	574*414*3.2	580*420*28	3.4
MO 20CE-18M	20	62.5*62.5	4*9	15.07%	1.13	17.64	1.21	21.92	634*294*3.2	640*300*28	2.6
MO 10CE-18M	10	125*15.6	2*18	14.25%	0.53	18.86	0.56	22.35	354*294*3.2	360*300*28	1.5
MO 5CE-18M	5	62.5*17.8	2*18	13.56%	0.29	17.02	0.31	21.85	395*155*3.2	400*175*18	0.8



REMARK The above panel Optimum Voltage Max (V) is our standard design if you need special requirement on this point, we can re-design for you.