

# Aethon International

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## Polycrystalline PV Modules – Technical Specifications and Pricing



S.No.	Model	Rated Power (Wp) @ Vmp	Nominal Voltage (V)	Voc V (@0.63 1/Cell)	Isc A	Vmp V (@.529 /Cell)	Imp I (approx )	FF (min)	# Cells	Min. Module Efficiency (%)	Weight (kg)	Panel Dimensions			Slot Dimensions	
												Length	Width	Thickness	Length	Width
1	AETH002	2	6	11.36	0.23	9.52	0.21	0.75	18	10	0.35	180	140	24	5	8
2	AETH003	3	6	11.36	0.35	9.52	0.32	0.75	18	10	0.50	180	180	24	5	8
3	AETH004	4	6	11.36	0.47	9.52	0.42	0.75	18	10	0.60	180	215	24	5	8
4	AETH005A	5	6	11.36	0.59	9.52	0.53	0.75	18	10	0.60	180	275	24	5	8
5	AETH005B	5	12	22.72	0.29	19.04	0.26	0.75	36	10	0.60	180	275	24	5	8
6	AETH006A	6	6	11.36	0.7	9.52	0.63	0.75	18	10	0.85	180	305	24	5	8
7	AETH006B	6	12	22.72	0.35	19.04	0.32	0.75	36	10	0.85	180	305	24	5	8
8	AETH008	8	12	22.72	0.47	19.04	0.42	0.75	36	10	1.00	180	385	24	5	8
9	AETH010	10	12	22.72	0.59	19.04	0.53	0.75	36	10	1.10	180	445	24	5	8
10	AETH012	12	12	22.72	0.7	19.04	0.63	0.75	36	10	1.30	235	420	24	5	8
11	AETH015	15	12	22.72	0.88	19.04	0.79	0.75	36	10	2.10	235	545	24	5	8
12	AETH018	18	12	22.72	1.06	19.04	0.95	0.75	36	12	2.20	340	420	24	5	8
13	AETH020	20	12	22.72	1.17	19.04	1.05	0.75	36	12	2.35	340	485	24	5	8
14	AETH024	24	12	22.72	1.41	19.04	1.26	0.75	36	12	2.50	340	545	24	5	8
15	AETH030	30	12	22.72	1.76	19.04	1.58	0.75	36	12	2.80	340	645	24	5	8
16	AETH035	35	12	22.72	2.05	19.04	1.84	0.75	36	14	3.10	500	545	35.5	6.5	13
17	AETH037	37	12	22.72	2.17	19.04	1.94	0.75	36	14	3.80	500	545	35.5	6.5	13
18	AETH040	40	12	22.72	2.35	19.04	2.1	0.75	36	14	4.10	500	620	35.5	6.5	13
19	AETH045	45	12	22.72	2.64	19.04	2.36	0.75	36	14	4.20	500	650	35.5	6.5	13
20	AETH050	50	12	22.72	2.93	19.04	2.63	0.75	36	14	4.50	500	700	35.5	6.5	13
21	AETH055	55	12	22.72	3.23	19.04	2.89	0.75	36	14	4.80	500	780	35.5	6.5	13
22	AETH060	60	12	22.72	3.52	19.04	3.15	0.75	36	14	4.90	500	875	35.5	6.5	13
23	AETH065	65	12	22.72	3.82	19.04	3.41	0.75	36	14	5.00	500	940	35.5	6.5	13
24	AETH070	70	12	22.72	4.11	19.04	3.68	0.75	36	14	5.30	500	1020	35.5	6.5	13
25	AETH074	74	12	22.72	4.34	19.04	3.89	0.75	36	14	5.75	500	1020	35.5	6.5	13
26	AETH080	80	12	22.72	4.7	19.04	4.2	0.75	36	14	5.75	660	840	35.5	6.5	13
27	AETH090	90	12	22.72	5.28	19.04	4.73	0.75	36	14	6.90	660	940	35.5	6.5	13
28	AETH100A	100	12	22.72	5.87	19.04	5.25	0.75	36	15	7.50	660	1020	35.5	6.5	13
29	AETH100B	100	24	45.43	2.93	38.09	2.63	0.75	72	15	7.50	660	1020	35.5	6.5	13
30	AETH120A	120	12	22.72	7.04	19.04	6.3	0.75	36	15	9.00	660	1285	35.5	6.5	13
31	AETH120B	120	24	45.43	3.52	38.09	3.15	0.75	72	15	9.00	660	1285	35.5	6.5	13
32	AETH140	140	12	22.72	8.22	19.04	7.35	0.75	36	15	10.10	660	1485	35.5	6.5	13
33	AETH150A	150	12	22.72	8.8	19.04	7.88	0.75	36	15	11.50	660	1485	35.5	6.5	13
34	AETH150B	150	24	45.43	4.4	38.09	3.94	0.75	72	15	12.00	660	1485	35.5	6.5	13
35	AETH180	180	24	45.43	5.28	38.09	4.73	0.75	72	15	14.00	985	1240	35.5	6.5	13
36	AETH200	200	24	45.43	5.87	38.09	5.25	0.75	72	15	15.50	985	1325	35.5	6.5	13
37	AETH250A60	250	60(CELLS)	37.86	8.8	31.74	7.88	0.75	60	16	19.75	985	1640	35.5	6.5	13
38	AETH250B72	250	24	45.43	7.34	38.09	6.56	0.75	72	16	19.75	985	1640	35.5	6.5	13
39	AETH300	300	24	45.43	8.8	38.09	7.88	0.75	72	16	23.00	985	1950	35.5	6.5	13