For a Free Quote:
Web: **EnergyPal.com/solar**
Call: **1-800-990-3725**
Email: **contact@energypal.com**

Solar Panel Guide
Specification Data Sheet

Ningbo Nesol Energy Co., Ltd.
NE5W-425W
NE300-36P

Also available on the web at
EnergyPal.com/ningbo-nesol-energy-co-ltd-solar-panels/ne300-36p

MONO PV MODULE
NESOL

Specification List for **Mono**-crystalline silicon PV module

Item	Power (w)	Max Power Voltage (V)	Max Power Current (A)	Open Circuit Voltage (V)	Short Circuit Current (A)	Number of cells (Pcs)	Size of cells (mm)	Module size (mm)	Weight (Kg)	Cell efficiency (%)	Module efficiency (%)
NE5-18M	5	18.57	0.27	22.64	0.29	2*18	78*12	280*190*17	0.70	15.28%	9.40%
NE10-18M	10	18.57	0.54	22.64	0.58	4*9	52*31.2	250*350*17	1.20	17.64%	11.43%
NE20-18M	20	18.82	1.08	22.58	1.19	4*9	78*39	420*360*17	2.30	18.81%	13.23%
NE30-18M	30	17.80	1.69	22.20	1.80	2*18	156*26	360*550*20	2.50	21.16%	15.15%
NE40-18M	40	17.80	2.25	22.30	2.39	3*12	156*39	510*580*25	3.20	18.81%	13.52%
NE50-18M	50	17.80	2.81	22.40	3.02	4*9	156*52	540*670*25	4.00	17.64%	13.82%
NE60-18M	60	17.60	3.41	22.00	3.69	4*9	156*52	540*670*25	5.40	21.16%	16.58%
NE70-18M	70	15.09	4.64	18.39	5.14	4*9	156*78	780*670*30	6.60	16.46%	13.39%
NE80-18M	80	18.11	4.42	22.07	4.90	4*9	156*78	780*670*30	6.60	18.81%	15.31%
NE90-18M	90	18.14	4.96	22.09	5.43	4*9	156*93.6	900*670*30	8.00	17.64%	14.93%
NE100-18M	100	18.16	5.51	22.13	6.03	4*9	156*104	1000*670*30	8.00	17.64%	14.93%
NE110-18M	110	24.15	4.56	29.43	5.05	4*18	156*52	1020*670*35	8.80	19.40%	16.10%
NE120-18M	120	24.21	4.96	29.48	5.50	4*9	156*117	1120*670*35	9.50	18.81%	15.99%
NE130-18M	130	18.02	7.21	22.92	7.71	4*9	156*130	1230*670*35	10.50	18.34%	15.77%
NE140-18M	140	17.76	7.88	22.08	8.45	4*9	156*130	1230*670*35	10.50	19.75%	16.99%
NE150-18M	150	17.86	8.40	22.38	8.94	4*9	156*156	1480*670*35	12.00	17.47%	15.13%
NE160-18M	160	18.23	8.78	22.48	9.49	4*9	156*156	1480*670*35	12.00	18.63%	16.14%
NE170-18M	170	18.27	9.31	22.52	10.07	4*9	156*156	1480*670*35	12.00	19.80%	17.14%
NE180-18M	180	18.64	9.66	22.62	10.62	4*9	156*156	1480*670*35	12.00	20.96%	18.15%
NE190-36M	190	36.38	5.22	44.30	5.72	6*12	125*125	1580*808*35	15.50	11.06%	14.88%
NE200-36M	200	36.45	5.49	44.37	6.01	6*12	125*125	1580*808*35	15.50	11.64%	15.67%
NE210-24M	210	27.35	7.68	32.97	8.49	6*8	156*156	1320*992*35	15.00	18.34%	16.04%
NE220-24M	220	27.63	7.97	33.18	8.84	6*8	156*156	1320*992*35	15.00	19.21%	16.80%
NE230-24M	230	27.92	8.24	33.52	9.15	6*8	156*156	1320*992*35	15.00	20.09%	17.56%
NE250-27M	250	30.73	8.14	36.91	9.03	6*9	156*156	1482*992*35	17.00	19.41%	17.01%
NE260-27M	260	30.92	8.41	37.36	9.28	6*9	156*156	1482*992*35	17.00	20.18%	17.69%
NE270-30M	270	31.14	8.67	37.40	9.63	6*10	156*156	1640*992*35	18.00	18.86%	16.60%
NE280-30M	280	31.19	8.98	37.44	9.97	6*10	156*156	1640*992*35	18.00	19.56%	17.21%
NE290-30M	290	31.22	9.29	37.48	10.32	6*10	156*156	1640*992*35	18.00	20.26%	17.83%
NE295-30M	295	31.28	9.43	37.52	10.35	6*10	156*156	1640*992*35	18.00	20.61%	18.13%
NE300-30M	300	31.33	9.57	37.58	10.38	6*10	156*156	1640*992*35	18.00	20.96%	18.44%
NE305-30M	305	31.38	9.72	37.62	10.42	6*10	156*156	1640*992*35	18.00	21.43%	18.75%
NE310-36M	310	37.54	8.26	44.76	9.23	6*12	156*156	1956*992*40	24.00	18.05%	15.98%
NE320-36M	320	37.83	8.46	44.84	9.52	6*12	156*156	1956*992*40	24.00	18.63%	16.49%
NE330-36M	330	37.87	8.72	44.88	9.80	6*12	156*156	1956*992*40	24.00	19.21%	17.01%
NE340-36M	340	38.95	8.73	46.37	9.34	6*12	156*156	1956*992*40	24.00	19.80%	17.52%
NE350-36M	350	38.95	8.98	46.41	9.60	6*12	156*156	1956*992*40	24.00	20.38%	18.04%
NE360-36M	360	39.00	9.23	46.45	9.87	6*12	156*156	1956*992*40	24.00	20.96%	18.55%
NE460-48M	460	49.12	9.36	57.75	10.01	8*12	156*156	1956*1310*45	29.00	20.09%	17.95%
NE470-48M	470	49.77	9.44	58.84	10.10	8*12	156*156	1956*1310*45	29.00	20.52%	18.34%
NE480-48M	480	50.13	9.52	59.25	10.19	8*12	156*156	1956*1310*45	29.00	21.08%	18.73%
NE490-48M	490	50.52	9.70	60.35	10.29	8*12	156*156	1956*1310*45	29.00	21.52%	19.12%

POLY PV MODULE
NESOL

Specification List for **Poly**-crystalline silicon PV module

Item	Power (w)	Max Power Voltage (V)	Max Power Current (A)	Open Circuit Voltage (V)	Short Circuit Current (A)	Number of cells (Pcs)	Size of cells (mm)	Module size(mm)	Weight (Kg)	Cell efficiency (%)	Module efficiency (%)
NE5-18P	5	17.60	0.29	21.80	0.31	2*18	78*12	280*190*17	0.70	15.14%	14.84%
NE10-18P	10	18.20	0.55	21.96	0.59	4*9	52*31.2	250*350*17	1.30	17.46%	11.43%
NE20-18P	20	17.20	1.17	21.80	1.23	4*9	78*39	360*420*17	2.20	18.63%	13.23%
NE30-18P	30	17.20	1.75	21.80	1.85	4*9	156*31.2	340*670*20	3.70	17.46%	13.17%
NE40-18P	40	19.46	2.06	24.20	2.20	3*12	156*39	580*510*25	4.00	18.63%	13.52%
NE50-18P	50	17.50	2.86	21.60	3.12	4*9	156*52	540*670*25	4.30	17.46%	13.82%
NE60-18P	60	18.01	3.36	21.61	3.70	4*9	156*63	630*670*30	5.20	17.30%	14.21%
NE70-18P	70	18.50	3.82	22.14	4.05	4*9	156*78	780*670*30	6.10	16.30%	13.39%
NE80-18P	80	17.17	4.66	21.55	4.95	4*9	156*78	780*670*30	6.80	18.63%	15.31%
NE90-18P	90	17.20	5.23	21.80	5.43	4*9	156*93.6	900*670*30	8.90	17.46%	14.93%
NE100-18P	100	17.20	5.82	21.80	6.18	4*9	156*104	1000*670*30	8.90	17.46%	14.93%
NE110-18P	110	17.20	6.40	21.80	6.82	4*18	156*52	1020*670*35	9.70	19.21%	16.10%
NE120-18P	120	17.30	6.94	21.60	7.51	4*9	156*130	1230*670*35	10.50	16.77%	14.56%
NE140-18P	140	17.60	7.96	22.05	8.58	4*9	156*136.5	1350*670*35	12.00	18.63%	15.48%
NE150-18P	150	17.80	8.43	22.32	8.96	4*9	156*156	1480*670*35	12.00	17.30%	15.13%
NE160-18P	160	18.21	8.79	22.39	9.53	4*9	156*156	1480*670*35	12.00	18.45%	16.14%
NE170-18P	170	18.40	9.15	22.46	10.10	4*9	156*156	1480*670*35	13.00	19.60%	17.14%
NE180-36P	180	36.40	4.95	44.26	5.35	6*12	156*104	1320*992*35	13.00	15.64%	13.75%
NE190-36P	190	36.20	5.25	44.22	5.65	6*12	156*104	1320*992*35	15.00	16.51%	14.51%
NE200-24P	200	24.32	8.22	29.33	8.80	6*8	156*156	1320*992*35	15.00	17.30%	15.27%
NE210-24P	210	24.48	8.58	29.48	8.58	6*8	156*156	1320*992*35	15.00	18.16%	16.04%
NE220-24P	220	27.57	7.98	33.08	8.87	6*8	156*156	1480*992*35	17.00	19.03%	14.98%
NE230-27P	230	27.82	8.27	33.48	9.16	6*9	156*156	1480*992*35	17.00	17.68%	15.67%
NE245-30P	245	30.56	8.02	36.75	8.89	6*10	156*156	1640*992*35	18.00	16.95%	15.06%
NE250-30P	250	30.68	8.15	36.90	9.03	6*10	156*156	1640*992*35	18.00	17.30%	15.37%
NE255-30P	255	30.91	8.25	37.20	9.14	6*10	156*156	1640*992*35	18.00	17.64%	15.67%
NE260-30P	260	30.92	8.41	37.90	9.15	6*10	156*156	1640*992*35	18.00	17.99%	15.98%
NE265-30P	265	31.12	8.51	37.98	9.16	6*10	156*156	1640*992*35	18.00	18.33%	16.29%
NE270-30P	270	31.61	8.54	37.54	9.14	6*10	156*156	1640*992*35	18.00	18.68%	16.60%
NE275-30P	275	31.74	8.66	37.70	9.27	6*10	156*156	1640*992*35	18.00	19.03%	16.90%
NE280-33P	280	34.16	8.20	40.99	9.11	6*11	156*156	1790*992*40	20.50	17.61%	15.77%
NE290-36P	290	36.80	7.88	44.28	8.85	6*12	156*156	1956*992*40	24.00	16.72%	14.95%
NE300-36P	300	37.23	8.06	44.71	8.95	6*12	156*156	1956*992*40	24.00	17.30%	15.46%
NE310-36P	310	37.32	8.31	44.76	9.23	6*12	156*156	1956*992*40	24.00	17.87%	15.98%
NE320-36P	320	37.62	8.51	44.84	9.52	6*12	156*156	1956*992*40	24.00	18.45%	16.49%
NE330-36P	330	38.48	8.58	45.49	9.18	6*12	156*156	1956*992*40	24.00	19.03%	17.01%
NE335-36P	335	38.67	8.66	45.66	9.27	6*12	156*156	1956*992*40	24.00	19.32%	17.26%
NE420-48P	420	48.98	8.57	58.42	9.16	8*12	156*156	1956*1310*45	29.00	18.16%	16.39%
NE425-48P	425	49.02	8.66	58.55	9.27	8*12	156*156	1956*1310*45	29.00	18.38%	16.59%