

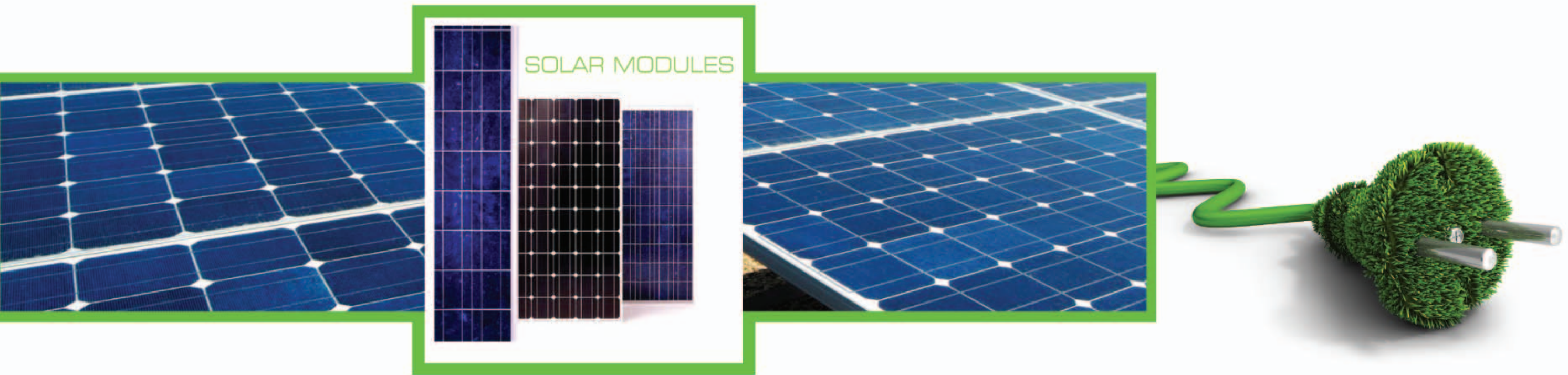
STANDARD SOLAR PV MODULE SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	VEGA-175	VEGA-180	VEGA-190	VEGA-200	VEGA-210	VEGA-220	VEGA-230	VEGA-240
MAX. POWER -Pmax- WATTS	175	180	190	200	210	220	230	240
OPEN CIRCUIT VOLTAGE-Voc, VOLTS	32	32	32	32	36	36	36	36
SHORT CIRCUIT CURRENT-Isc, AMPS	7.4	7.8	8.1	8.3	8.1	8.3	8.5	8.8
VOLTAGE AT MAX. POWER POINT-Vmpp,VOLTS	26	26	26	26	29	29	29	29
CURRENT AT MAX. POWER POINT-Imp-AMPS	6.5	7.1	7.4	7.7	7.4	7.7	8	8.3
NO.OF CELLS IN SERIES CONNECTED,N	54	54	54	54	60	60	60	60
MAX.SYSTEM VOLTAGE, V DC	1000	1000	1000	1000	1000	1000	1000	1000

MECHANICAL SPECIFICATIONS

MODULE SIZE- L X W X T , mm	1500X990X42	1500X990X42	1500X990X42	1500X990X42	1660X990X42	1660X990X42	1660X990X42	1660X990X42
MODULE WEIGHT(BARE)- KG	18	18	18	18	20	20	20	20
MOUNTING HOLE PITCH ON LENGTH-Y mm	900	900	900	900	900	900	900	900
MOUNTING HOLE PITCH ON WIDTH-X mm	949	949	949	949	949	949	949	949

- All modules are made with MONO/POLY CRYSTALLINE SOLAR CELLS
- All measurement tolerances on electrical parameters are lies in +/- 5%
- All electrical parameters specified above are measured at STC conditions
Cell temperature 25 deg.C, 1000W/ M2 Irradiance and 1.5 AM Spectrum
- All above power modules equipped with IP65 /4 TERMINAL
3 DIODE JUNCTION BOXES(TUV/VUL APPROVED)
- All specifications are subject to change without notice.
- All modules having Cable glands and cables of 1 mtr length along with male/female connectors .
- All modules having 25 years limited extended warranty



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SOLAR MODULES
Specifications

www.vegasolarenergy.com

STANDARD SOLAR PV MODULE SPECIFICATIONS

ELECTRICAL SPECIFICATIONS	VEGA-06V03	VEGA-06V04	VEGA-12V04	VEGA-06V05	VEGA-12V05	VEGA-06V06	VEGA-12V06
MAX. POWER -Pmax- WATTS	3	4	4	5	5	6	6
OPEN CIRCUIT VOLTAGE-Voc, VOLTS	10.5	10.5	21	10.5	21	10.5	21
SHORT CIRCUIT CURRENT-Isc, AMPS	0.46	0.58	0.3	0.72	0.36	0.85	0.46
VOLTAGE AT MAX.POWER POINT-Vmpp,VOLTS	8.2	8.2	16.4	8.2	16.4	8.2	16.4
CURRENT AT MAX.POWER POINT-Impp-AMPS	0.38	0.5	0.25	0.62	0.31	0.76	0.38
NO.OF CELLS IN SERIES CONNECTED,N	18	18	36	18	36	18	36
NOMINAL VOLTAGE -V , VOLTS DC	6	6	12	6	12	6	12

MECHANICAL SPECIFICATIONS

MODULE SIZE- L XW X T , mm	215X180X22	375X175X22	375X175X22	375X175X22	375X175X22	375X175X22	375X175X22
MODULE WEIGHT(BARE)- KG	0.7	1.2	1.2	1.2	1.2	1.2	1.2
MOUNTING HOLE PITCH ON LENGTH-Y mm	100	200	200	200	200	200	200
MOUNTING HOLE PITCH ON WIDTH-X mm	115	150	150	150	150	150	150

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- Our standard modules supplied without bypass diode and can be arranged on request
- All specifications are subject to change without notice.
- All our modules having 10 years LIMITED EXTENDED WARRANTY.

ELECTRICAL SPECIFICATIONS	VEGA-12V40	VEGA-12V50	VEGA-12V60	VEGA-12V70	VEGA-12V75	VEGA-12V80	VEGA-12V90	VEGA-12V100
MAX. POWER -Pmax- WATTS	40	50	60	70	75	80	90	100
OPEN CIRCUIT VOLTAGE-Voc, VOLTS	21	21	21	21	21	21	21	21
SHORT CIRCUIT CURRENT-Isc, AMPS	3	4.1	4.6	5.3	5.7	6.1	6.8	7.6
VOLTAGE AT MAX.POWER POINT-Vmpp,VOLTS	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
CURRENT AT MAX.POWER POINT-Impp-AMPS	2.4	3.1	3.7	4.3	4.6	4.9	5.5	6.1
NO.OF CELLS IN SERIES CONNECTED,N	36	36	36	36	36	36	36	36
NOMINAL VOLTAGE -V , VOLTS DC	12	12	12	12	12	12	12	12

MECHANICAL SPECIFICATIONS

MODULE SIZE- L XW X T , mm	655X530X34	775X655X34	1000X655X34	1000X655X34	1000X655X34	1000X655X34	1205X655X34	1205X655X34
MODULE WEIGHT(BARE)- KG	5.5	6.5	7	7	7	7	9.5	9.5
MOUNTING HOLE PITCH ON LENGTH-Y mm	450	450	642	642	642	642	642	642
MOUNTING HOLE PITCH ON WIDTH-X mm	486	610	611	611	611	611	611	611

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- Cable glands and cables will be provided on request at extra cost



ELECTRICAL SPECIFICATIONS	VEGA-12V07	VEGA-12V08	VEGA-12V10	VEGA-12V15	VEGA-12V18	VEGA-12V20	VEGA-12V25	VEGA-12V30	VEGA-12V37
MAX. POWER -Pmax- WATTS	7	8	10	15	18	20	25	30	37
OPEN CIRCUIT VOLTAGE-Voc, VOLTS	21	21	21	21	21	21	21	21	21
SHORT CIRCUIT CURRENT-Isc, AMPS	0.49	0.56	0.7	1.1	1.6	1.8	2.2	2.45	2.8
VOLTAGE AT MAX.POWER POINT-Vmpp,VOLTS	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
CURRENT AT MAX.POWER POINT-Impp-AMPS	0.44	0.49	0.62	0.92	1.1	1.25	1.7	1.9	2.2
NO.OF CELLS IN SERIES CONNECTED,N	36	36	36	36	36	36	36	36	36
NOMINAL VOLTAGE -V , VOLTS DC	12	12	12	12	12	12	12	12	12

MECHANICAL SPECIFICATIONS

MODULE SIZE- L XW X T , mm	285X340X22	340X340X22	340X340X22	455X340X22	555X340X34	555X340X34	775X340X34	775X340X34	655X530X34
MODULE WEIGHT(BARE)- KG	0.9	1.6	1.6	2	3	3	4.2	4.2	5.5
MOUNTING HOLE PITCH ON LENGTH-Y mm	150	150	200	250	300	300	450	450	450
MOUNTING HOLE PITCH ON WIDTH-X mm	316	316	316	316	296	296	296	296	486

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ELECTRICAL SPECIFICATIONS	VEGA-12V110	VEGA-12V115	VEGA-12V120	VEGA-12V125	VEGA-12V130	VEGA-12V140	VEGA-150	VEGA-160
MAX. POWER -Pmax- WATTS	110	115	120	125	130	140	150	160
OPEN CIRCUIT VOLTAGE-Voc, VOLTS	21	21	21	21	21	21	30	30
SHORT CIRCUIT CURRENT-Isc, AMPS	7.4	7.6	7.8	8.1	8.3	8.8	7.4	7.6
VOLTAGE AT MAX.POWER POINT-Vmpp,VOLTS	17	17	17	17	17	17	25.5	25.5
CURRENT AT MAX.POWER POINT-Impp-AMPS	6.5	6.8	7.1	7.4	7.7	8.3	6	6.5
NO.OF CELLS IN SERIES CONNECTED,N	36	36	36	36	36	36	48	48
NOMINAL VOLTAGE -V , VOLTS DC	12	12	12	12	12	12	18	18

MECHANICAL SPECIFICATIONS

MODULE SIZE- L XW X T , mm	1200X655X35	1200X655X35	1490X655X35	1490X655X35	1490X655X35	1490X655X35	1340X990X42	1340X990X42
MODULE WEIGHT(BARE)- KG	9.5	9.5	12	12	12	12	15	15
MOUNTING HOLE PITCH ON LENGTH- Y mm	900	900	900	900	900	900	900	900
MOUNTING HOLE PITCH ON WIDTH-X mm	611	611	611	611	611	611	949	949

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