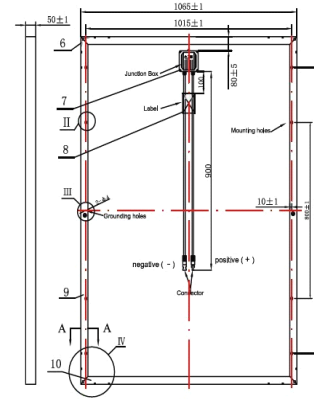
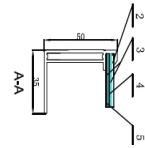
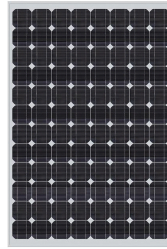


**JMM240-96 SERIES (215-265W)**

Electrical specifications	JMM215	JMM220	JMM225	JMM230	JMM235	JMM240	JMM245	JMM250	JMM255	JMM260	JMM265	
Maximum power (P <sub>mpp</sub> )	JMM215-96	JMM220-96	JMM225-96	JMM230-96	JMM235-96	JMM240-96	JMM245-96	JMM250-96	JMM255-96	JMM260-96	JMM265-96	W <sub>p</sub>
Maximum power point voltage (V <sub>mpp</sub> )	47	47.5	47.5	48	48	48.5	48.5	49	49	49.1	36.5	V
Maximum power point current (I <sub>mpp</sub> )	4.57	4.63	4.74	4.79	4.89	4.95	5.05	5.1	5.2	5.3	5.4	A
Short circuit current (I <sub>sc</sub> )	4.94	5	5.07	5.15	5.23	5.32	5.45	5.51	5.62	5.72	5.83	A
Open circuit voltage (V <sub>oc</sub> )	57.3	58	58	58.6	58.6	59.2	59.2	59.8	59.8	60.1	60.1	V
Module efficiency	12.78	13.07	13.37	13.67	13.97	14.26	14.56	14.86	15.15	15.45	15.75	%
Power cells	2.24	2.30	2.34	2.40	2.45	2.50	2.55	2.60	2.66	2.71	2.76	W <sub>p</sub>
Cells efficiency	15.07	15.42	15.77	16.10	16.47	16.80	17.18	17.52	17.88	18.23	18.58	%
Maximum system voltage	1000.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	V-DC
Maximum Series Fuse Rating	10	10	10	10	10	10	10	10	10	10	10	A
Operational Temperature	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	-40to+85	°C

**Mechanical Data** **Dimension of PV Module**

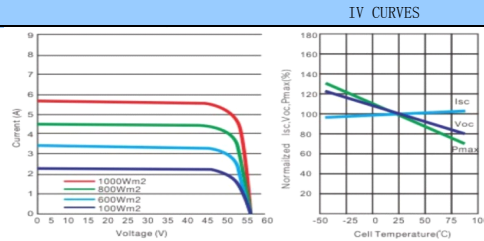
Cell Type	Mono	
Number of cells	96(8*12)	pcs
Dimensions (h x w)	1580*1065	mm
Thickness	50	mm
Weight	21.5	kg
Loading in 40GP	476	pcs



Materials	
Cells	125*125
Glass	High transparency glass, 3.2mm
Back sheet	KREMPPEL TPT
Junction box	PV-ZH008
Cables	2 x 0.9m, 4mm <sup>2</sup> , UV resistant,
Connectors	MultiContact MC4, IP67

Temperature Rates	
NOCT	47°C ± 2°C
Temperature Coefficient of P <sub>mpp</sub>	- 0.45%/K
Temperature Coefficient of V <sub>oc</sub>	- 0.35%/K
Temperature Coefficient of I <sub>sc</sub>	+ 0.06%/K

Warranty	
Power	±3%
Warranty	5 years Workman ship
	10 years 90% of P <sub>mpp</sub>
	25 years 80% of P <sub>mpp</sub>



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT  
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