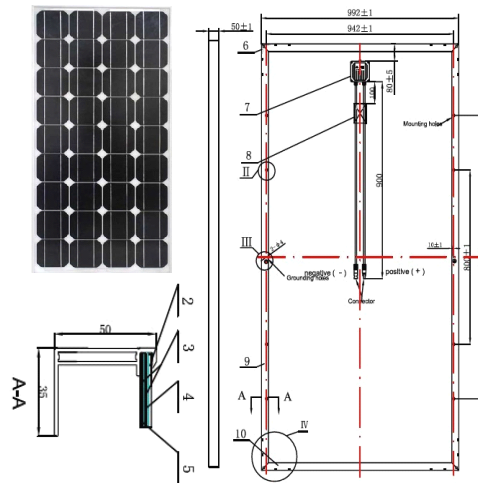


JMM90-36 SERIES (85-100W)

Electrical specifications	JMM85	JMM90	JMM95	JMM100	
Maximum power (P _{mpp})	85	90	95	100	W _p
Maximum power point voltage (V _{mpp})	18.00	18.50	19.00	19.00	V
Maximum power point current (I _{mpp})	4.72	4.86	5	5.21	A
Short circuit current (I _{sc})	5.1	5.25	5.4	5.52	A
Open circuit voltage (V _{oc})	22	22.6	23.2	23.2	V
Module efficiency	12.80	13.60	14.30	15.10	%
Power cells	2.36	2.50	2.64	2.78	W _p
Cells efficiency	15.90	16.80	17.80	18.70	%
Maximum system voltage	1000.00	1000	1000	1000	V-DC
Maximum Series Fuse Rating	10	10	10	10	A
Operational Temperature	-40to+85	-40to+85	-40to+85	-40to+85	°C

Mechanical Data Dimension of PV Module

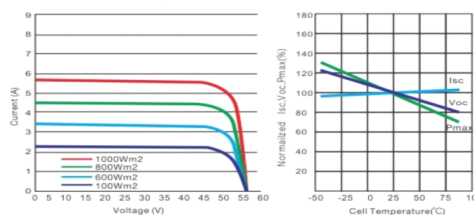
Cell Type	Mono	
Number of cells	36 (4 * 9)	pcs
Dimensions (h x w)	1200*553	mm
Thickness	45	mm
Weight	7.5	kg
Loading in 40GP	1288	pcs



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

Temperature Rates IV CURVES

NOCT	47°C ± 2°C
Temperature Coefficient of P _{mpp}	- 0.45%/K
Temperature Coefficient of V _{oc}	- 0.35%/K
Temperature Coefficient of I _{sc}	+ 0.06%/K



Warranty	
Power	±3%
Warranty	5 years Workman ship
	10 years 90% of P _{mpp}
	25 years 80% of P _{mpp}



CAUTION: READ SAFETY AND INSTALLATION INSTRUCTIONS BEFORE USING THE PRODUCT

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