

SOLAR PANEL



**30 YEARS PANEL
WARRANTY**



**95% SAVING ON
ELECTRICITY EXPENSES**



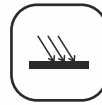
Ip68 Junction Box For High
Waterproof level



LCOE Is Cut Back by using M10 size solar cell
with adding more power output than lower
size cell module



Field Reliability is improved due to multiple
contact points on the cell which lowers the
cell stress during module fabrication



AR Coated Tempered Glass Anti-
Reflective Module Surface



Excellent Module Efficiency



Defects Pre and Post EL Checking to ensure
defect free module



Excellent module conversion
efficiency of up to 21.3%

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mono, 1/2 cut cell 182mm, 1500V, 66-cell		SU132-MD-485		SU132-MD-490		SU132-MD-495		SU132-MD-500		SU132-MD-505	
Lumenberg		STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
NominalMax.Power	Pmax (Wp)	485	363	490	366	495	370	500	373	505	377
Maximum Power Voltage	Vmp (V)	38.31	35.80	38.55	36.00	38.79	36.20	39.03	36.40	39.27	36.60
Maximum Power Current	Imp (A)	12.66	10.13	12.71	10.17	12.76	10.21	12.81	10.25	12.86	10.29
Open-Circuit Voltage	Voc (V)	45.75	43.00	46.05	43.20	46.34	43.40	46.64	43.60	46.93	43.80
Short-Circuit Current	Isc (A)	13.42	10.74	13.47	10.78	13.52	10.82	13.57	10.86	13.62	10.90
Module efficiency	(%)	20.44		20.65		20.86		21.07		21.29	
Power Tolerance	Pmax (Wp)	0~+5									
Maximum System Voltage DC	(V)	1500									
Maximum Series Fuse Rating	(A)	25									
Operating temperature	(°C)	-40~+85									
Temp. coefficients of Pmax	(%/°C)	-0.350									
Temp. coefficients of Voc	(%/°C)	-0.275									
Temp. coefficients of Isc	(%/°C)	0.045									
Nom. Operating cell temp. (NOCT)	(°C)	45±2									
Cell Type		Mono 182*91mm									
Dimensions		2094*1133*35									
Weight		26 kg									
Junction Box		IP68, 3 Bypass Diodes									
Output Cable		350mm									
Connector Type		PV Connector									
Hail Resistance		distance 1m,Hail stone Diameter 25mm,Speed 23m/s									
Wind Load		2400 Pa / 244 kg/ m²									
Mechanical Load		5400 Pa / 550 kg/ m²									
Packing Configuration		31/62									
Loading Capacity (20GP)		155									
Loading Capacity (40HQ)		682									
Size / Pallet (mm)		2125*1140*1245/2125*1140*2490									
Weight / Pallet		866/1732									