

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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POWER PLUS



Poly-Si PERC, Full cells, 156.75 mm, 1000V, 60-cell			SU60C-P-275		SU60C-P-280		SU60C-P-285		SU60C-P-290			
			STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT		
	Back											
	NominalMax.Power	Pmax (Wp)	275	209	280	212	285	216	290	220		
	Maximum Power Voltage	Vmp (V)	31.24	29.68	31.65	30.07	32.07	30.47	32.48	30.86		
	Maximum Power Current	Imp (A)	8.80	7.04	8.85	7.08	8.89	7.11	8.93	7.14		
	Open-Circuit Voltage	Voc (V)	38.52	36.59	38.72	36.79	38.93	36.98	39.14	37.18		
	Short-Circuit Current	Isc (A)	9.35	7.48	9.38	7.50	9.44	7.55	9.47	7.58		
	Module efficiency	(%)	16.76		17.07		17.37		17.67			
	Power Tolerance	Pmax (Wp)	0~+5									
	Maximum System Voltage DC	(V)	1000									
	Maximum Series Fuse Rating	(A)	15									
	Operating temperature	(°C)	-40~+85									
	Temp. coefficients of Pmax	(%/°C)	-0.4									
	Temp. coefficients of Voc	(%/°C)	-0.31									
	Temp. coefficients of Isc	(%/°C)	0.053									
	Nom. Operating cell temp. (NOCT)	(°C)	45±2									
	Cell Type		Poly 156.75*156.75mm									
	Dimensions		1650*992*35									
	Weight		17.5 kg									
	Junction Box		IP68, 3 Bypass Diodes									
	Output Cable		900mm									
	Connector Type		MC 4 / MC 4 compatible									
	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		62/66									
	Loading Capacity (20GP)		372									
	Loading Capacity (40HQ)		924									
	Size / Pallet (mm)		1685*1140*2230/1685*1140*2390									
	Weight / Pallet		1182/1255									