

# SOLAR PANEL



**30 YEARS PANEL  
WARRANTY**



**95% SAVING ON  
ELECTRICITY EXPENSES**



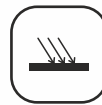
Ip68 Junction Box For High  
Waterproof level



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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# Polarisium



Mono c-Si PERC, Full cells, 158.75 mm, 1000V, 60-cell		SU60C-POL-325		SU60C-POL-330		SU60C-POL-335					
<u>Polarisium</u>		STC	NOCT	STC	NOCT	STC	NOCT				
Nominal Max. Power	Pmax (Wp)	325	245	330	248	335	252				
Maximum Power Voltage	Vmp (V)	33.61	31.60	33.81	31.80	34.02	32.00				
Maximum Power Current	Imp (A)	9.68	7.74	9.76	7.81	9.85	7.88				
Open-Circuit Voltage	Voc (V)	41.10	37.90	41.31	38.10	41.49	38.30				
Short-Circuit Current	Isc (A)	10.20	8.16	10.37	8.30	10.49	8.39				
Module efficiency	(%)	19.31		19.61		19.90		0.00			
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)	-0.370									
Temp. coefficients of Voc	(%/°C)	-0.28									
Temp. coefficients of Isc	(%/°C)	0.048									
Nom. Operating cell temp. (NOCT)	(°C)	45±2									
Cell Type		Mono 158.75*158.75mm									
Dimensions	*	1690*996*35									
Weight		19 kg									
Junction Box		IP68, 3 Bypass									
Output Cable		900mm									
Connector Type		mc4/mc4 compatible									
Hail Resistance		distance 1m, Hail stone Diameter 25mm, Speed 23m/s									
Wind Load		2400 Pa / 244 kg/ m <sup>2</sup>									
Mechanical Load		5400 Pa / 550 kg/ m <sup>2</sup>									
Packing Configuration		62/66									
Loading Capacity (20GP)		372									
Loading Capacity (40HQ)		858									
Size / Pallet (mm)		1725*1140*2235/1725*1140*2395									
Weight / Pallet		1276/1355									