

# 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%

 [www.sunithon.com](http://www.sunithon.com)

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# METEOR(TOPCON)



N-type TOPCON, Half-cut cells, 182 mm, 1500V, 54-cell (BDS)			SU108C-BDS-410		SU108C-BDS-415		SU108C-BDS-420		SU108C-BDS-425		SU108C-BDS-430	
<u>Meteor(Topcon)</u>			STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT	STC	NMOT
NominalMax.Power	Pmax (Wp)		410	312.2	415	316	420	320	425	323.5	430	327.1
Maximum Power Voltage	Vmp (V)		31.59	29.30	31.81	29.50	32.04	29.70	32.25	29.90	32.43	30.10
Maximum Power Current	Imp (A)		12.98	10.64	13.05	10.70	13.11	10.76	13.18	10.81	13.26	10.87
Open-Circuit Voltage	Voc (V)		37.45	35.40	37.67	35.60	37.86	35.80	38.08	36.00	38.26	36.20
Short-Circuit Current	Isc (A)		13.88	11.19	13.95	11.25	14.03	11.31	14.10	11.37	14.17	11.42
Module efficiency	(%)		20.99		21.25		21.50		21.76		22.01	
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)		-0.35									
Temp. coefficients of Voc	(%/°C)		-0.25									
Temp. coefficients of Isc	(%/°C)		0.046									
Nom. Operating cell temp. (NOCT)	(°C)		42±2									
Cell Type			Mono 182*91mm									
Dimensions			1724*1133*30									
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/ m <sup>2</sup>									
Mechanical Load			5400 Pa / 550 kg/ m <sup>2</sup>									
Packing Configuration			36/72									
Loading Capacity (20GP)			216									
Loading Capacity (40HQ)			936									
Size / Pallet (mm)			1755*1140*1245/1755*1140*2490									
Weight / Pallet			986/1972									