

SOLAR PANEL



**30 YEARS PANEL
WARRANTY**



**95% SAVING ON
ELECTRICITY EXPENSES**



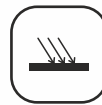
Ip68 Junction Box For High
Waterproof level



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



Pre and Post EL Checking to ensure
defect free module



Excellent module conversion
efficiency of up to 21.3%

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SILVANTIS



N-type Heterojunction technology, Half-cut cells, 210 mm, 1500V, 55-cell (BDS)			SU110C-BDS-560		SU110C-BDS-565		SU110C-BDS-570		SU110C-BDS-575		SU110C-BDS-580	
Solvantis			STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
NominalMax.Power	Pmax (Wp)		560	420	565	423	570	427	575	431	580	435
Maximum Power Voltage	Vmp (V)		34.17	32.03	34.35	32.20	34.53	32.37	34.71	32.53	34.88	32.70
Maximum Power Current	Imp (A)		16.39	13.11	16.45	13.16	16.51	13.21	16.57	13.26	16.63	13.30
Open-Circuit Voltage	Voc (V)		40.77	38.18	40.96	38.38	41.16	38.59	41.35	38.79	41.54	39.00
Short-Circuit Current	Isc (A)		17.19	13.75	17.25	13.80	17.31	13.85	17.37	13.90	17.43	13.94
Module efficiency	(%)		21.46		21.65		21.84		22.04		22.23	
Power Tolerance	Pmax (Wp)		0~+5									
Maximum System Voltage DC	(V)		1500									
Maximum Series Fuse Rating	(A)		30									
Operating temperature	(°C)		-40~+85									
Temp. coefficients of Pmax	(%/°C)		-0.26									
Temp. coefficients of Voc	(%/°C)		-0.24									
Temp. coefficients of Isc	(%/°C)		0.04									
Nom. Operating cell temp. (NOCT)	(°C)		44±2									
Cell Type			HJT 210*105mm									
Dimensions			2383*1095*35									
Weight			32.3 kg									
Junction Box			IP68, 3 Bypass Diodes									
Output Cable			200mm									
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									
Loading Capacity (20GP)			124									
Loading Capacity (40HQ)			620									
Size / Pallet (mm)			2415*1140*1210/1130*1140*2500 (Upright)									
Weight / Pallet			1035									