



Tapi[®]-RC

Rear Contact

635-665 Watt

Zero Shading. Maximum Power.

Ultimate Performance.

Tapi RC defines the next frontier in solar innovation, moving all metallization to the rear of the cell to eliminate front-side shading and maximize light absorption.



Partial Shading Optimisation



Better Temperature Coefficient



High Temperature Restriction



Micro-crack Resistance



Higher Power



Lower BOS



More Aesthetic Values



30-years performance warranty



12-years product warranty

Manufactured in an ISO 9001:2015,
ISO 14001:2015,
ISO 45001:2018 Certified Facility.
IEC Certificates**
BIS 14286 / IEC 61215-1-2:2021,



Module Efficiency
Upto 24.6%



Weather
Resistant



Lower LCOE
Higher Savings



Ideal For Large-Scale
Projects



Super Performance
& Reliability

*Module Image Is For Reference Only, Actual Appearance May Vary.
*The standard data is still under consolidation. The figures shown are indicative and derived from consequential results

TECHNICAL DATASHEET

TECHNICAL DATA FOR STRCI32R210B20 -AAA (635 - 665)

ELECTRICAL PARAMETER AT STC #1,2

MODULE TYPE	STRCI32R210B20-635		STRCI32R210B20-640		STRCI32R210B20-645		STRCI32R210B20-650		STRCI32R210B20-655		STRCI32R210B20-660		STRCI32R210B20-665	
Test Conditions	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Pmax[W]	635	481	640	485	645	489	650	493	655	496	660	500	665	504
Voc[V]	49	46.49	49.10	46.58	49.20	46.68	49.30	46.77	49.40	46.87	49.50	46.96	49.60	47.06
Vmp[V]	41.70	39.56	41.80	39.66	41.90	39.75	42.00	39.85	42.10	39.94	42.20	40.04	42.30	40.13
Isc[A]	16.41	13.26	16.48	13.32	16.55	13.37	16.62	13.43	16.69	13.49	16.76	13.54	16.83	13.60
Imp[A]	15.23	12.18	15.32	12.24	15.40	12.31	15.48	12.38	15.56	12.44	15.65	12.51	15.73	12.57
Module efficiency (%)	23.5%		23.7%		23.9%		24.1%		24.2%		24.4%		24.6%	

#1 Irradiance 1000 w/m², spectrum AM 1.5 and Module temperature of 25 °C

#2 Except Pmax, all other parameters have a tolerance of ±5%.

#3 NOCT: AM 1.5, 800W/m², 20°C, 1m/s

#4 Power Tolerance (0-4.99Wp)

TECHNICAL SPECIFICATION	
Operation Temperature	-40°C to + 85°C
Maximum Series Fuse Rating	30A
Protection Class	Class II
Voc and Isc Tolerance	±5%
Maximum System Voltage	1500V
Maximum Static Loading	Front 5400Pa Back 2400Pa
Hail Test	25 mm diameter hail at 23 m/s
Fire Rating	IEC Class A

MECHANICAL SPECIFICATION

SPECIFICATION	DETAILS
Bifaciality Factor	75±5%
Cell Type	N-Type Rear Contact Cells
Front Glass / Rear Glass	2 mm heat strengthened glass / 2 mm patterned glass
Frame	Anodized aluminum
Cable	4mm ² (IEC) 12AWG(UL) +400mm or Customized Length
No. of cell	132 Half cut (11x6 11x6)
Junction box	IP68, 3 bypass diodes
Connectors	MC4 Compatible/Original MC4
Weight	~34 Kg
Dimensions	2382*1134*30mm
Package Details	36pcs per pallet / 144pcs per 20'GP / 720pcs per 40'HC

PRODUCT WARRANTY

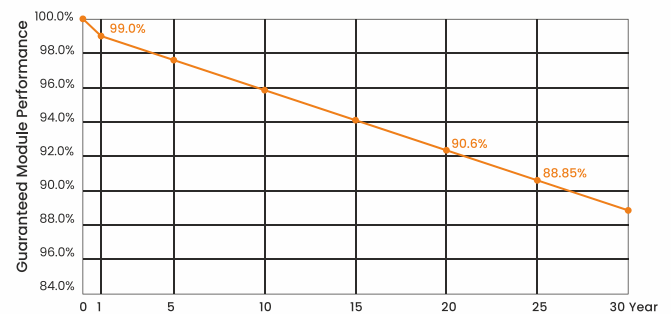
Product warranty**	12 years
Performance guarantee**	30 years Linear power warranty with degradation of 1% in 1st year and 0.35% thereafter till 30 years.

**applicable only when module installation done as per Solex's installation manual

TEMPERATURE

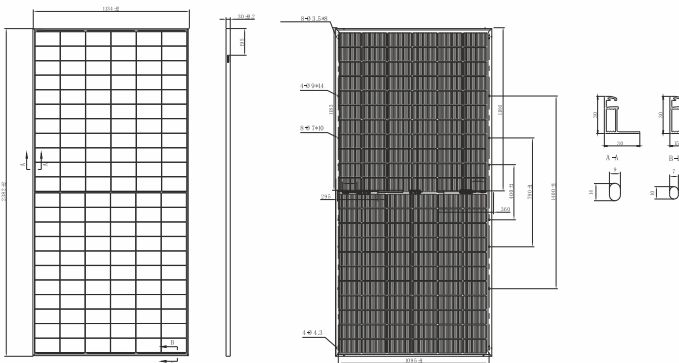
Temperature Coefficient of (Isc)	+ 0.05%/°C
Temperature Coefficient (Voc)	-0.22%/°C
Temperature Coefficient (Pmax)	-0.26%/°C

30-years Linear Performance Warranty



- Better temperature coefficient.
- Partial shading optimisation.
- It ensures lower BOS (Balance of System).
- It is resistant to micro cracks.
- It generates high power.

DRAWING (MEASUREMENTS ARE IN mm)



Tolerance

L: ±2mm W: ±2mm Unit: mm