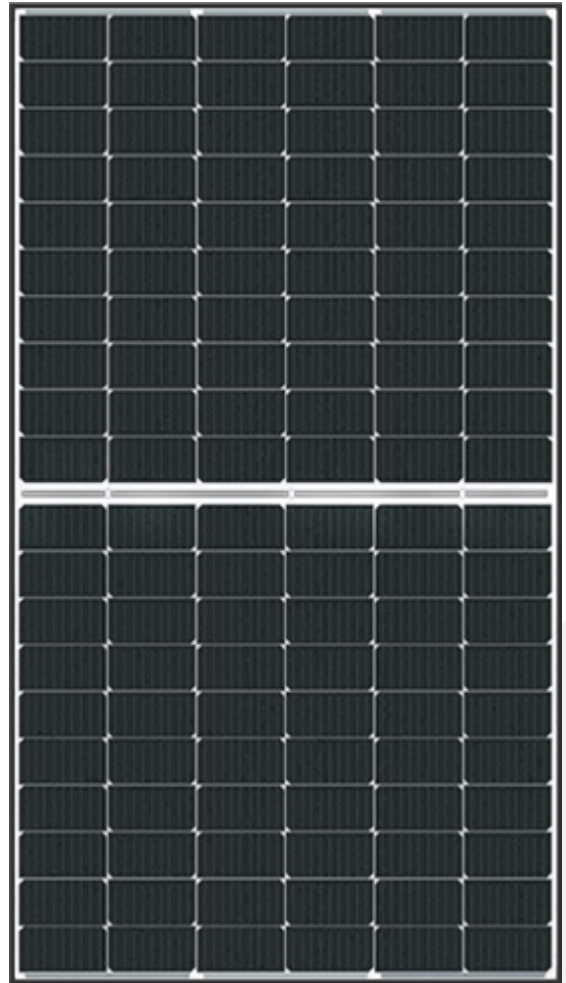
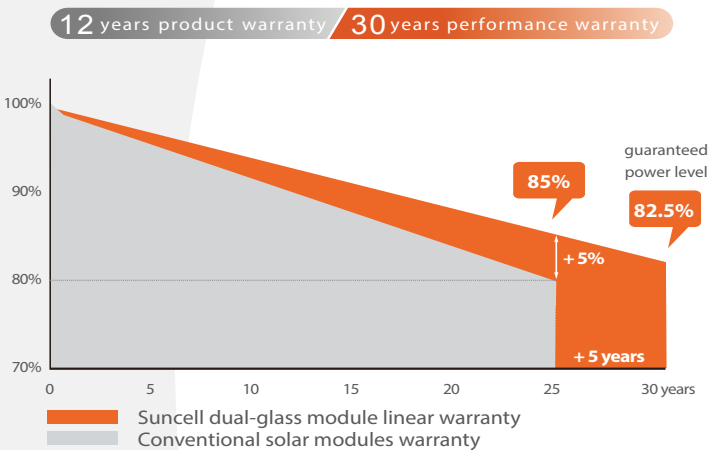


SUNCELL®

SCL-HBB120T-365

365 Watt + bifacial boost *

High efficiency solar module
Double-glass structure
Bifacial half-cut cell technology



High module efficiency 19,4%



High protection against microcracks thanks to double-glass structure



Reduced hot spot risk thanks to 50% lower HC module current



Half-cell, multi-busbar with series-then-parallel design



Superior low irradiance module performance



Excellent temperature coefficient characteristics



Additional bifacial power * when using appropriate mounting system



High resistance to ammonia and saline corrosion



PID free No PID (potential induced degradation)

* Bifacial boost is additional power generated by the backside of the module that depends on the module mounting type and albedo of ground.




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Contact: Suncell Energy Ltd. - info@suncell.ch - www.suncell.ch

SUNCELL®

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SCL-HBB120T-365

ELECTRICAL SPECIFICATION (STC)

Module type	SCL-HBB120T 355	SCL-HBB120T 360	SCL-HBB120T 365	SCL-HBB120T 370
Rated Power (Pmpp) (W)	355	360	365	370
Power Output Tolerance (W)	0~+5			
Rated Current (Imp) (A)	10.64	10.72	10.80	10.88
Rated Voltage (Vmpp) (V)	33.37	33.59	33.80	34.01
Short Circuit Current (Isc) (A)	11.09	11.17	11.25	11.33
Open Circuit Voltage (Voc) (V)	40.21	40.41	40.61	40.81
Efficiency(%)	19.0	19.3	19.6	19.8
Operational Temperature	-40~+85°			
Maximum Static Load	5400Pa			
Maximum Wind Load	2400Pa			
Maximum System Voltage	1500V			
Maximum Series Fuse Rating	20A			
Safety class	Class II, double insulation 			

STC: Irradiance 1000W/m², cell temperature 25°C, air mass AM1.5.

ELECTRICAL DATA (NOCT)

Maximum Power (Pmax) (W)	261	265	268	272
Maximum Power Voltage (Vmp) (V)	30.67	30.89	31.02	31.26
Maximum Power Current (Imp) (A)	8.51	8.58	8.64	8.70
Open Circuit Voltage (Voc) (V)	37.19	37.38	37.56	37.75
Short Circuit Current (Isc) (A)	8.94	9.00	9.07	9.13

NOCT: Irradiance at (1+1.1BiFi)800W/m², ambient temperature 20°C, wind speed 1m/s.

MECHANICAL SPECIFICATION

Cell Type	Bifacial Mono-crystalline
Cell Orientation	166mm × 83mm 120PCS
Module Dimensions	1756mm x 1039mm x 5.31mm
Weight	24 kg
Front Glass	2.0 mm tempered AR-glass
Encapsulant	EVA/POE
Back Glass	2mm ceramic coated toughened glass
Junction Box	IP68 (three bypass diodes)
Cable	4mm ²
Connector	genuine MC4 (Stäubli)

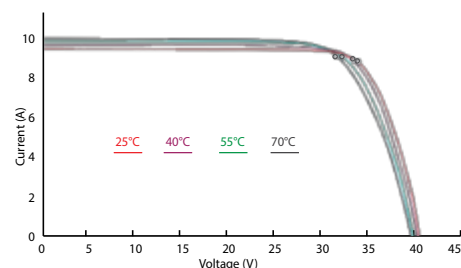
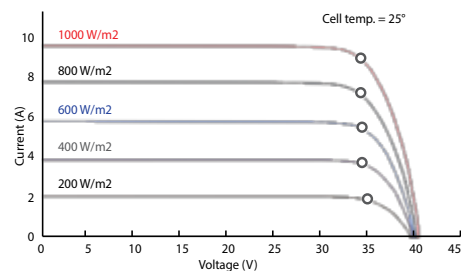
TEMPERATURE COEFFICIENT

NOCT(Nominal Operating Cell Temperature)	45±2°
Temperature Coefficient of Isc	+0.0282%/K
Temperature Coefficient of Voc (β)	-0.281%/K
Temperature Coefficient of Pmpp (γ)	-0.397%/K

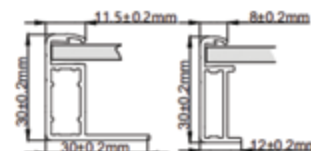
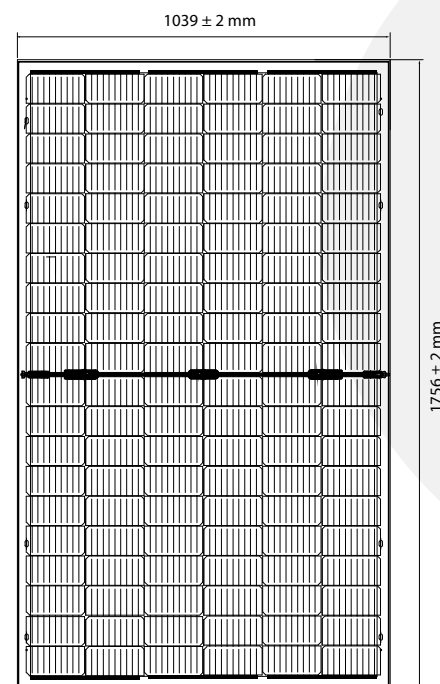
PACKAGING

Modules per box	35 pieces
Modules per 40'container	840 pieces

IV CURVES (365W)



DIMENSIONS (mm)



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