



PHASELUX

THE FUTURE IS YOURS

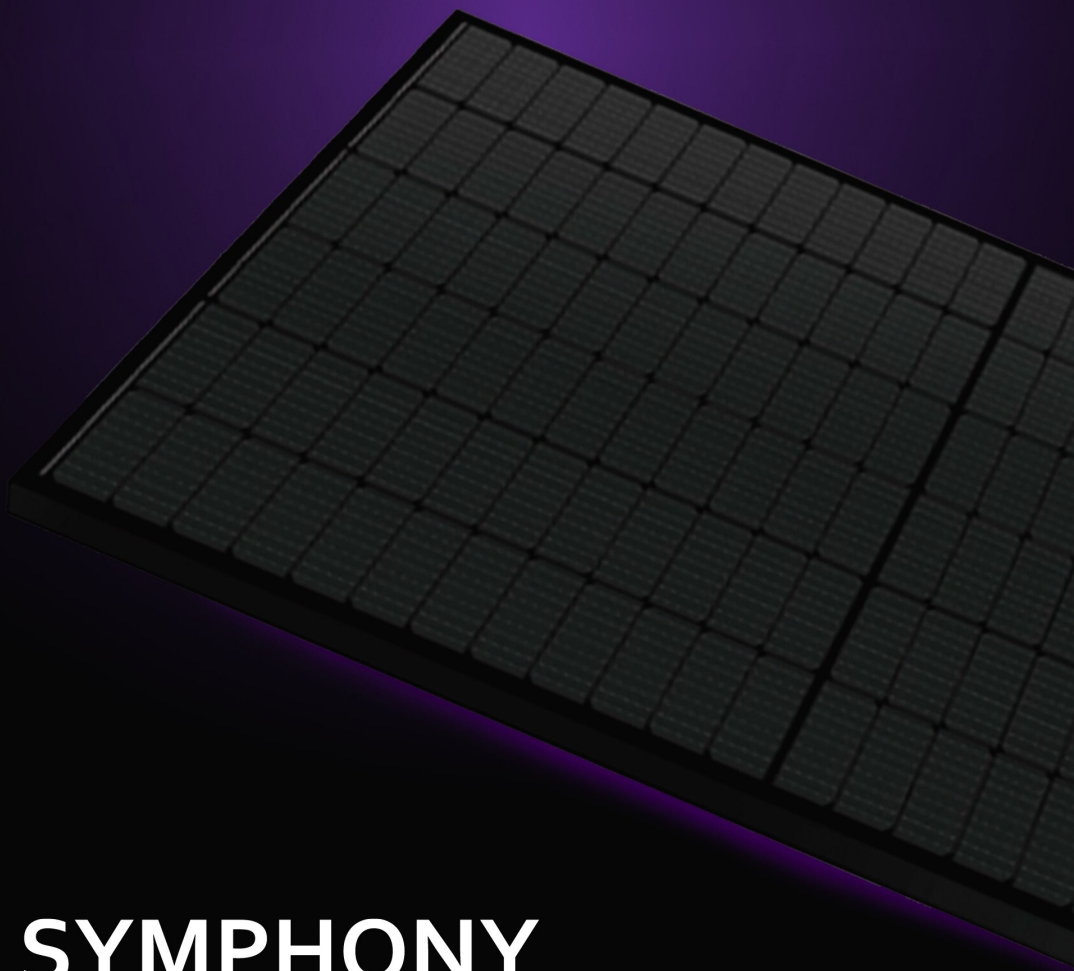
FULL BLACK



1.6 MM GLASS



LIGHTWEIGHT



SYMPHONY

400 Wp GLASS/GLASS

220 W/m²



BIFACIAL HJT HALF-CUT CELLS
PID PROTECTION
100% PLUS GRADING

AMMONIA RESISTANT
SALT-SPRAY RESISTANT
RESISTANT AGAINST HAILSTORM

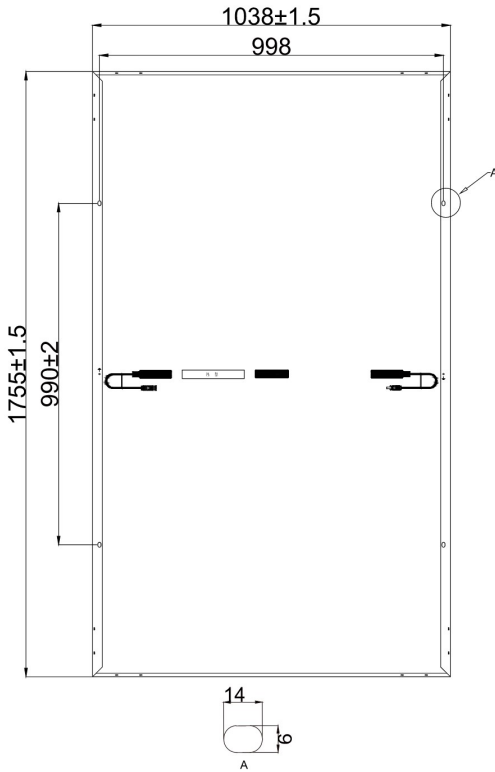


GUARANTEE & SERVICE

Own supplementary guarantee fund up to 35 years and maximum 1000 kWp.*
Direct service from the Phaselux Group Netherlands. * see terms www.phaselux.com/warranty

Engineering Drawings

Unit: mm



Electrical Characteristics (STC*)

Model	PL-S120	PL-S120	PL-S120	PL-S120	PL-S120
	DSB380	DSB385	DSB390	DSB395	DSB400
Maximum Power (Pmax)	380W	385W	390W	395W	400W
Module Efficiency (%)	20.86%	21.13%	21.41%	21.70%	21.96%
Optimum Operating Voltage (Vmp)	38.11V	38.30V	38.49V	38.68V	38.87V
Optimum Operating Current (Imp)	9.97A	10.05A	10.13A	10.21A	10.29A
Open Circuit Voltage (Voc)	44.83V	45.31V	45.61V	45.90V	46.20V
Short Circuit Current (Isc)	10.54A	10.56A	10.62A	10.68A	10.74A
Operating Module Temperature	-40 ~ +85 °C				
Maximum System Voltage	DC1500V (IEC)				
Maximum Series Fuse	20A				
Power Tolerance	0~+5W				

*STC: Irradiance 1000 W/m², cell temperature 25 °C, AM=1.5. Tolerance of Pmax is within +/- 3%.

NOCT**

Maximum Power (Pmax)	289W	293W	297W	300W	304W
Optimum Operating Voltage (Vmp)	35.95V	36.18V	36.36V	36.46V	36.68V
Optimum Operating Current (Imp)	8.04A	8.10A	8.17A	8.23A	8.29A
Open Circuit Voltage (Voc)	42.79V	43.24V	43.53V	43.81V	44.09V
Short Circuit Current (Isc)	8.50A	8.51A	8.56A	8.61A	8.66A

**NOCT: Irradiance 800W/m², Ambient Temperature 20 °C, Wind Speed 1m/s.

Temperature Characteristics

Nominal Operating Cell Temp. (NOCT)	44 °C ± 2 °C
Temperature Coefficient of Pmax	-0.26%/°C
Temperature Coefficient of Voc	-0.24%/°C
Temperature Coefficient of Isc	0.04%/°C

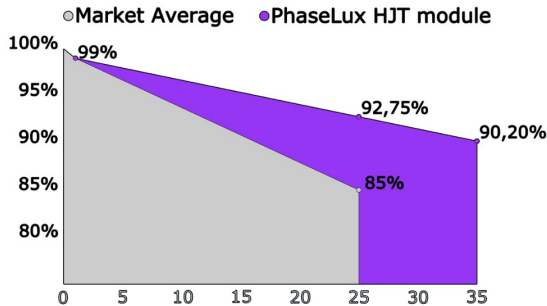
Mechanical Characteristics

Cell Type	HJT Mono 166 × 83mm
Cell Connection	120 (6 × 20)
Module Dimension	1755 × 1038 × 30 mm
Weight	19.5 kg
Junction Box	IP68
Output Cable	4mm ² , 1200mm in length, length can be customized / UV resistant
Connectors Type	MC4 original
Frame	Anodised aluminum alloy
Front Load	5400 Pa
Rear Load	2400 Pa
Glass Thickness	(F) 1.6mm anti-reflective solar glass (B) 1.6mm solar glass

Safety & Warranty

Safety Class	Class II
Product Warranty	35 yrs Workmanship
Performance Warranty	35 yrs Linear Warranty*

*Less than 1% attenuation in the 1st year, the annual attenuation from the 2nd year is no more than 0,26%, and the power is no less than 90,2% until the 35th year.



*refer to www.phaselux.com for special warranty details

Shipping Configurations

Container Size	HC
Pallets Per Container	26
Modules Per Pallet (pcs)	36
Modules Per Container (pcs)	936

