










MONOCRYSTALLINE SINGLE GLASS 335-380W REESUN120H-166M

High efficiency and low LID
PERC monocrystalline technology
HALF-CELL technology

-  Excellent Anti-PID performance
-  Guaranteed power tolerance (0 ~+5W)
-  Excellent wind and snow loads up to 5400Pa under specific installation methods
-  Lower current, higher power generation, lower risk of hot spots
-  Excellent low irradiation performance
-  Higher component conversion efficiency (up to 20.86%)
-  12-year product quality warranty, 25-year linear output power warranty

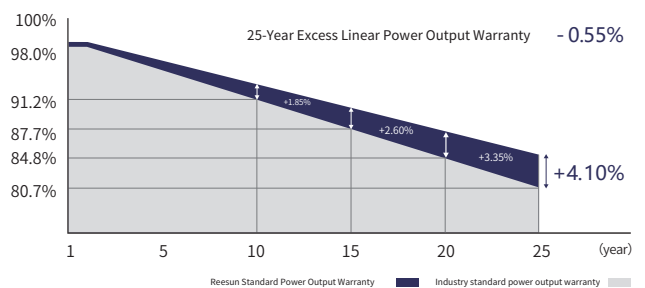
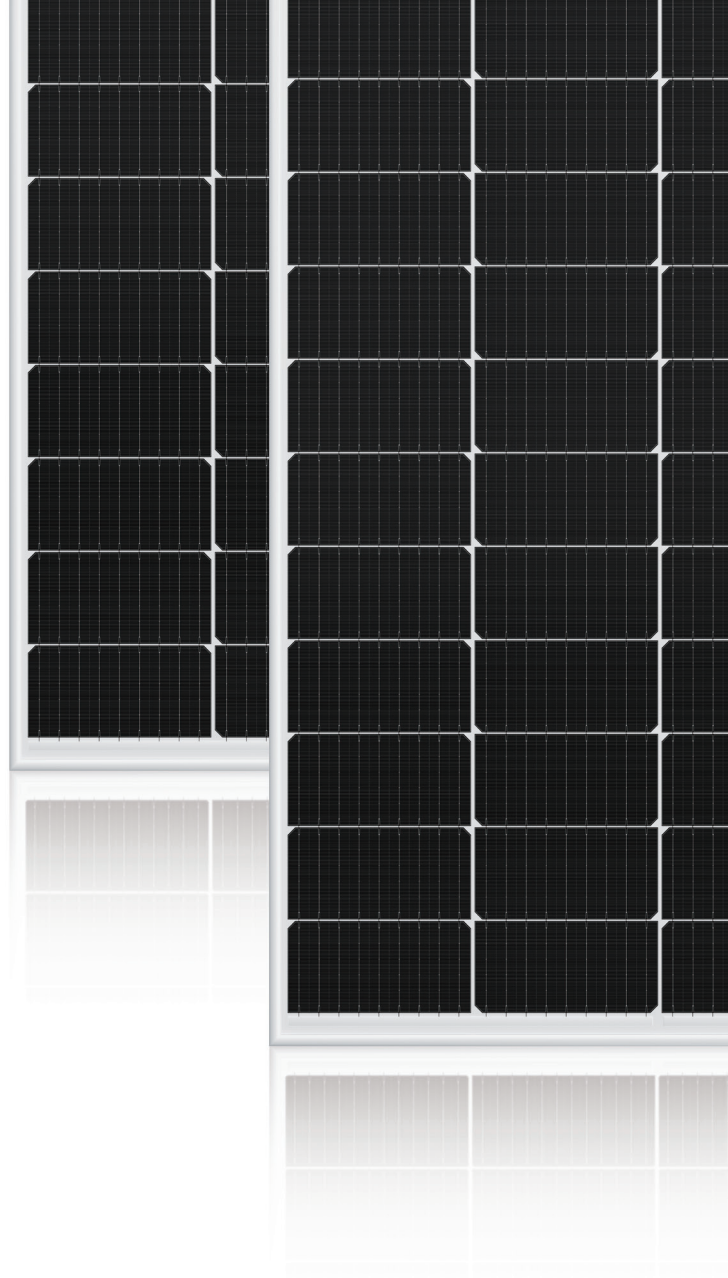
Comprehensive Product And System Certification

IEC 61215, IEC 61730

ISO 9001:2015: ISO Quality Management System Certification

ISO 14001:2015: ISO Environmental management system certification

ISO 45001:2018 Occupational Health and Safety Management System Certification



*Reesun Solar reserves the right to interpret technical changes and test specifications.

REESUN120H-166M 355-380W

Electrical Performance Parameters

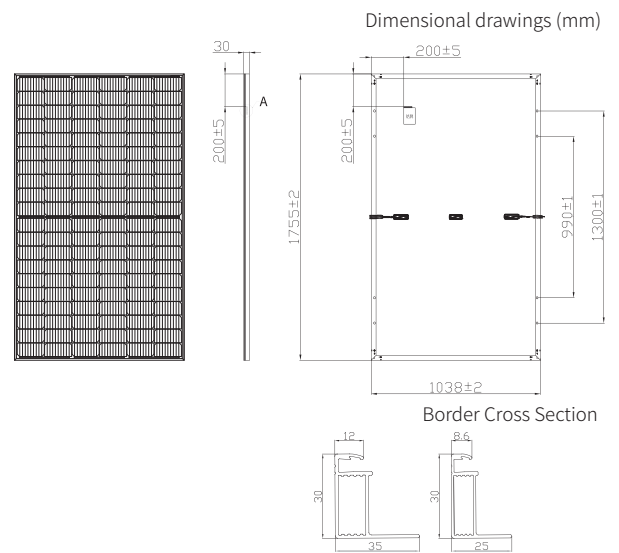
Maximum power test tolerance : $\pm 3\%$

Component model	355W		360W		365W		370W		375W		380W	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Testing environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power [Pmax/W]	355	256	360	268	365	272	370	276	375	280	380	283
Maximum power voltage [Vmp/V]	33.80	31.50	34.00	31.70	34.20	31.80	34.40	32.00	34.60	32.20	34.80	32.40
Maximum power current [Imp/A]	10.51	8.43	10.59	8.49	10.68	8.56	10.76	8.63	10.84	8.69	10.92	8.76
Open circuit voltage [Voc/V]	40.30	37.80	40.50	38.00	40.70	38.20	40.90	38.30	41.10	38.50	41.30	38.70
Short circuit current [Isc/A]	11.25	9.10	11.35	9.17	11.43	9.25	11.52	9.32	11.60	9.38	11.69	9.45
Component efficiency [%]	19.49		19.76		20.04		20.31		20.59		20.86	

Maximum power test Common Standard Test Environment (STC) irradiance 1000W/m², atmospheric quality AM1.5, module temperature 25 °C
 Nominal operating battery temperature (NOCT): irradiance 800W/m², ambient temperature 20 °C, atmospheric quality AM1.5, wind speed 1m/s

Mechanical And Operating Parameters

Number of battery cells	120(6×20)
Junction box	IP68 Three diodes
Output cable	4mm ² , length 300mm, Customizable length
Glass	3.2mm Single layer coated tempered glass
Frame	Anodized aluminum alloy frame
Weight	21kg $\pm 3\%$
Size	1755×1038×30mm
Packing	36pcs per pallet 936pcs per 40'HC
Working temperature	-40°C ~ +85°C
Power tolerance	0~+5 W
Current and voltage tolerance	$\pm 4\%/\pm 3\%$
Maximum system voltage	DC1500V (IEC)
Maximum fuse current rating	20A
Nominal operating battery temperature	45 ± 2 °C
Safety level	Class II
Fire rating	Class C



Temperature Coefficient(STC)

Short circuit current temperature coefficient of frame section	+0.048%/°C
Open circuit voltage temperature coefficient	-0.270%/°C
Maximum power temperature coefficient	-0.350%/°C

Mechanical Load

Front maximum static load	5400Pa
Maximum back static load	2400Pa
Hail test	25mm hail, impact at 23 m/s

I-V Curve (REESUN120H-166M-360W)

