



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

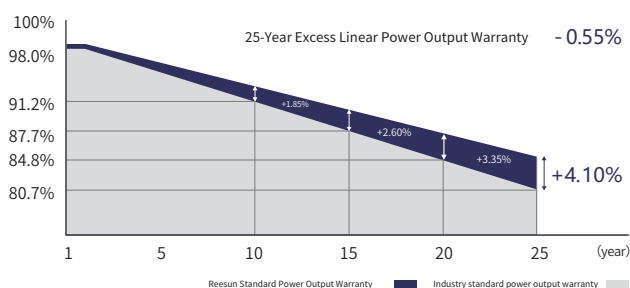
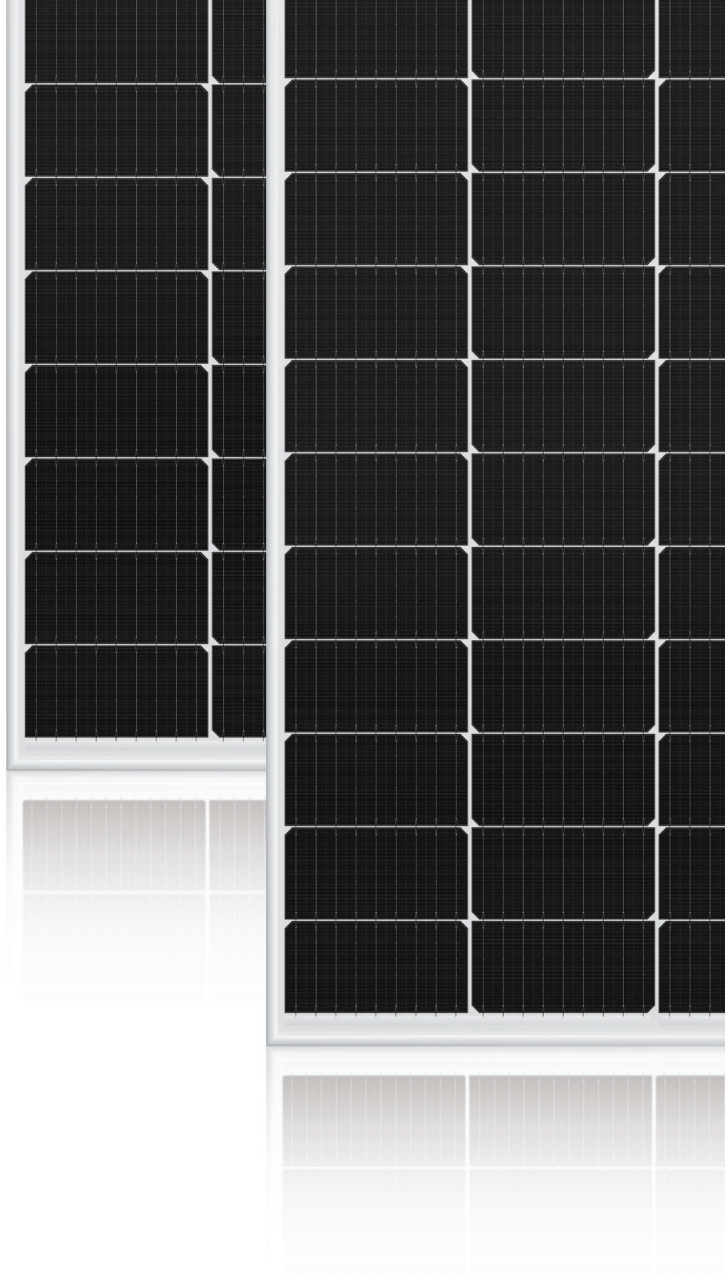
Comprehensive Product And System Certification

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 : $\pm 3\%$

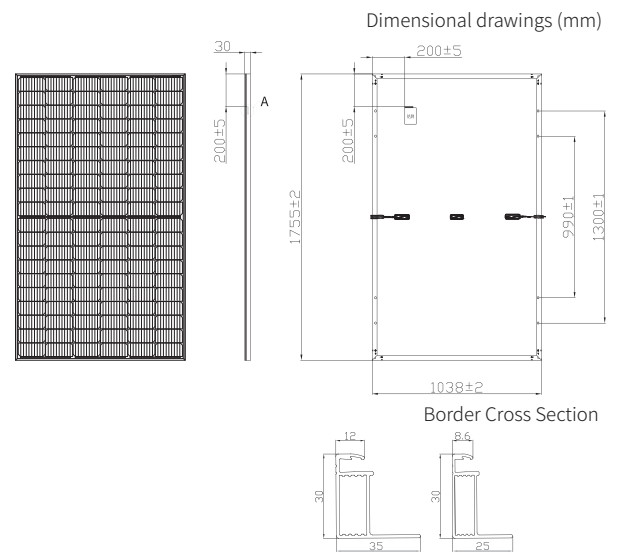
Component model	355W		360W		365W		370W		375W		380W	
Testing environment	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum power [Pmax/W]	355	256	360	268	365	272	370	276	375	280	380	283
Maximum power voltage [Vmp/V]	33.80	31.50	34.00	31.70	34.20	31.80	34.40	32.00	34.60	32.20	34.80	32.40
Maximum 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)

