

Electrical Specifications		SIL-330 BL mono PERC MWT Technology	
Test Conditions		STC	NOCT
Module Power (Pmax)	Wp	330	246.8
Maximum power voltage (Vpmax)	V	34.72	32.51
Maximum power current (Ipmax)	A	9.51	7.59
Open circuit voltage (Voc)	V	42.24	39.6
Short circuit current (Isc)	A	9.83	7.92
Module efficiency	%	19.4	18.14
Maximum system voltage (VDC)	V		1000
Max series fuse rating	A		20
Power Tolerance	Wp		0 to +10

Measurement conditions: STC 1000 W/m² • AM 1.5 • Temperature 25 °C • NOCT 800 W/m² • AM 1.5 • Measurement uncertainty ≤ 3%
 • Sun simulator calibration reference modules from Fraunhofer Institute. Electrical characteristics may vary by ±5% and power by 0 to +10W.

Temperature Ratings		SIL-330 BL mono PERC MWT Technology	
Temperature Coefficient Isc			+0.046 %/°C
Temperature Coefficient Voc			-0.279 %/°C
Temperature Coefficient Pmax			-0.377 %/°C
NOCT (± 2°C)			43.5 °C
Operating temperature			-40/+85 °C

Mechanical Properties and Components		SIL-330 BL mono PERC MWT Technology	
	Metric	Imperial	
Module weight	18.2 kg	40.1±0.4 lbs	
Dimensions (H x L x D)	1700 mm x 1000 mm x 38 mm	66.9 in x 39.4 in x 1.5 in	
Maximum surface load (wind/snow)*	4000 Pa rear load / 5400 Pa front load	83.5/112.8 lb/ft ²	
Hail impact resistance	∅ 25 mm at 83 km/h	∅ 1 in at 51.6 mph	
Cells	126 high-efficiency half-cut mono-PERC MWT c-Si cells	126 high-efficiency half-cut mono-PERC MWT c-Si cells	
Glass	3.2 mm high transmittance, tempered, DSM anti-reflective coating	0.126 in high transmittance, tempered, DSM anti-reflective coating	
Cables and connectors (refer to installation manual)	Positive (1000 mm), Negative (1500 mm), ∅ 5.7 mm, MC4 from Staubli	Positive (39.4 in), Negative (59 in), ∅ 0.22 in (12AWG), MC4 from Staubli	
Backsheet	Multilayer, integrated insulation film and electrically conductive backsheet, superior hydrolysis and UV resistance, fluorine-free PV backsheet		
Frame	Anodized Aluminum (Black)		
Bypass diodes	3 diodes-30SQ045T (45V max DC blocking voltage, 30A max forward rectified current)		
Junction Box	UL 3730 Certified, IP67 rated		

Warranties		SIL-330 BL mono PERC MWT Technology	
Module product workmanship warranty		25 years**	
Linear power performance guarantee		30 years	
		≥ 97.1% end 1 st year ≥ 91.6% end 12 th year ≥ 85.1% end 25 th year ≥ 82.6% end 30 th year	

Certifications		SIL-330 BL mono PERC MWT Technology	
Product		ULC ORD C1703, UL1703, CEC listed, UL 61215-1/-1-1/-2, UL 61730-1/-2, IEC 61215-1/-1-1/-2***. IEC 61730-1/-2***, CSA C22.2#61730-1/-2***, IEC 62716 Ammonia Corrosion; IEC61701:2011 Salt Mist Corrosion Certified, UL Fire Rating: Type 2	
Factory		ISO9001:2015	

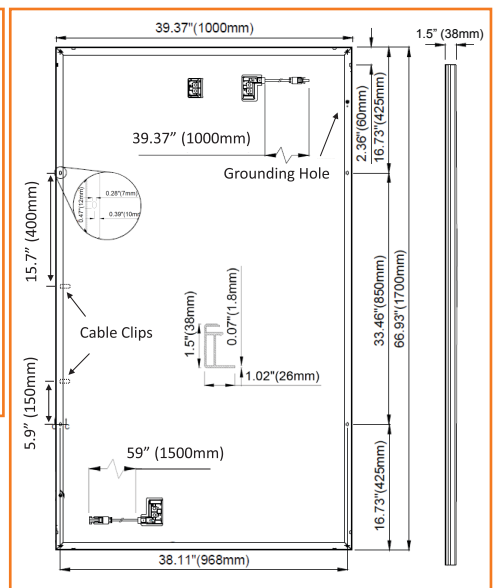
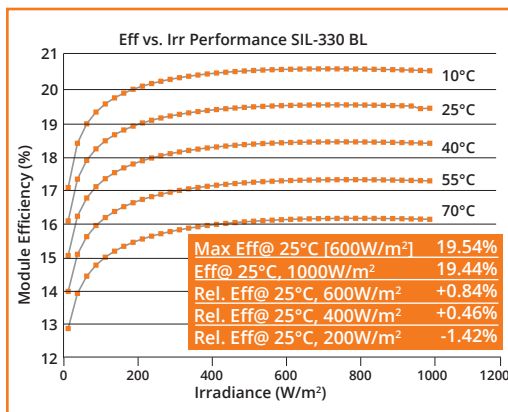
- Modules Per Pallet: 26
- Pallets Per Truck: 36
- Modules Per Truck: 936

*▲ Warning. Read the Safety and Installation Manual for mounting specifications and before handling, installing and operating modules.

**12 year extendable to 25 years subject to registration and conditions outlined under "Warranty" at www.silfabsolar.com.

***Certification in progress. August 2020 expected completion date for IEC 61730/61215 and CSA C22.2#61730-1/-2.

Third-party generated pan files from Fraunhofer-Institute for Solar Energy Systems ISE are available for download at: www.silfabsolar.com/downloads



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