

Project Name(s): Moreau Community Solar - NY USLE Moreau Reynolds A LLC; NY USLE Moreau Reynolds B LLC

Project Size: up to 10.0 MW AC / 15.99 MW DC

Municipality: Town of Moreau

County: Saratoga

Summary: Community Solar Projects primarily consist of only a few major components- Modules, Racking, and Inverters. In addition to this solar specific equipment, there are common electrical components such as transformers, switch gear, and conductors used to connect the components to the electrical grid. These remaining components are commonly referred to as Balance of System or B.O.S. Although there are more than a few to choose from, the major components are commonly interchangeable through a large selection of quality, certified products available in the market. Since there are many products available meeting similar standards and operational requirements, selection is largely driven by availability and price at the time of construction. As a result, the components below are only representative of the type of equipment proposed for the project and subject to change based on availability and project requirements. However, all selections will be of similar kind and quality.

Modules: Mono/Polycrystalline Solar Panel with Anti-Reflective Coating. Examples Attached.

Inverters: Transformer-less String Inverter. Example Attached.

Racking: Fixed Tilt Racking System. Example Attached.





HiKu

SUPER HIGH POWER POLY PERC MODULE 425 W ~ 440 W CS3W-425 | 430 | 435 | 440P

MORE POWER



24 % higher power than conventional modules



Up to 4.5 % lower LCOE Up to 2.7 % lower system cost



Low NMOT: 42 ± 3 °C Low temperature coefficient (Pmax): -0.36 % / °C



Better shading tolerance

MORE RELIABLE



Lower internal current, lower hot spot temperature



Minimizes micro-crack impacts



Heavy snow load up to 5400 Pa, wind load up to 3600 Pa*





linear power output warranty*



enhanced product warranty on materials and workmanship*

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2015 / Quality management system ISO 14001:2015 / Standards for environmental management system OHSAS 18001:2007 / International standards for occupational health & safety

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PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730: VDE / CE / MCS / KS / INMETRO UL 1703 / IEC 61215 performance: CEC listed (US) UL 1703: CSA / IEC 61701 ED2: VDE / IEC 62716: VDE / IEC 60068-2-68: SGS UNI 9177 Reaction to Fire: Class 1 / Take-e-way











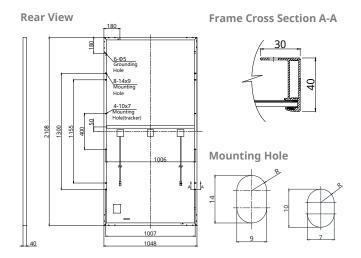
* As there are different certification requirements in different markets, please contact your local Canadian Solar sales representative for the specific certificates applicable to the products in the region in which the products are to be used.

CANADIAN SOLAR INC. is committed to providing high quality solar products, solar system solutions and services to customers around the world. No. 1 module supplier for quality and performance/price ratio in IHS Module Customer Insight Survey. As a leading PV project developer and manufacturer of solar modules with over 40 GW deployed around the world since 2001.

CANADIAN SOLAR INC.

^{*} For detail information, please refer to Installation Manual.

ENGINEERING DRAWING (mm)



ELECTRICAL DATA | STC*

·				
CS3W	425P	430P	435P	440P
Nominal Max. Power (Pmax)	425 W	430 W	435 W	440 W
Opt. Operating Voltage (Vmp)	39.7 V	39.9 V	40.1 V	40.3 V
Opt. Operating Current (Imp)	10.71 A	10.78 A	10.85 A	10.92 A
Open Circuit Voltage (Voc)	48.2 V	48.4 V	48.6 V	48.7 V
Short Circuit Current (Isc)	11.29 A	11.32 A	11.35 A	11.4 A
Module Efficiency	19.2%	19.5%	19.7%	19.9%
Operating Temperature	-40°C ~ -	+85°C		
Max. System Voltage	1500V (I	EC/UL) or	1000V (II	EC/UL)
Madula Fina Danfannana	TYPE 1 (JL 1703)	or	
Module Fire Performance	CLASS C	(IEC 6173	30)	
Max. Series Fuse Rating	20 A			
Application Classification	Class A			
Power Tolerance	0 ~ + 10	W		

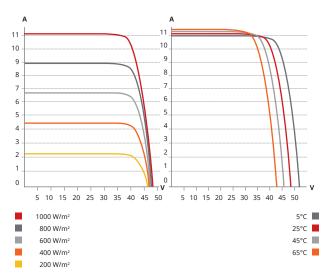
^{*} Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

ELECTRICAL DATA | NMOT*

CS3W	425P	430P	435P	440P
Nominal Max. Power (Pmax)	317 W	320 W	324 W	328 W
Opt. Operating Voltage (Vmp)	36.9 V	37.1 V	37.3 V	37.5 V
Opt. Operating Current (Imp)	8.57 A	8.62 A	8.68 A	8.74 A
Open Circuit Voltage (Voc)	45.3 V	45.5 V	45.6 V	45.7 V
Short Circuit Current (Isc)	9.11 A	9.13 A	9.16 A	9.20 A

^{*} Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m^{2,} spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

CS3W-420P / I-V CURVES



MECHANICAL DATA

Specification	Data
Cell Type	Poly-crystalline
Cell Arrangement	144 [2 X (12 X 6)]
Dimensions	2108 X 1048 X 40 mm
Dimensions	(83.0 X41.3 X1.57 in)
Weight	24.9 kg (54.9 lbs)
Front Cover	3.2 mm tempered glass
Гионов	Anodized aluminium alloy,
Frame	crossbar enhanced
J-Box	IP68, 3 bypass diodes
Cable	4 mm ² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	Portrait: 500 mm (19.7 in) (+) / 350 mm (13.8 in) (-); landscape: 1400 mm (55.1 in); leap-frog connection: 1670 mm (65.7 in)*
Connector	T4 series or H4 UTX or MC4-EVO2
Per Pallet	27 pieces
Per Container (40' HQ)594 pieces

^{*} For detailed information, please contact your local Canadian Solar sales and technical representatives.

TEMPERATURE CHARACTERISTICS

Specification	Data
Temperature Coefficient (Pmax)	-0.36 % / °C
Temperature Coefficient (Voc)	-0.28 % / °C
Temperature Coefficient (Isc)	0.05 % / °C
Nominal Module Operating Temperat	ure 42 ± 3°C

PARTNER SECTION

Please be kindly advised that PV modules should be handled and installed by qualified people who have professional skills and please carefully read the safety and installation instructions before using our PV modules.

 $[\]star$ The specifications and key features contained in this datasheet may deviate slightly from our actual products due to the on-going innovation and product enhancement. Canadian Solar Inc. reserves the right to make necessary adjustment to the information described herein at any $% \left(1\right) =\left(1\right) \left(1$ time without further notice.





HiKu5 Mono PERC

475 W ~ 500 W CS3Y-475 | 480 | 485 | 490 | 495 | 500MS

MORE POWER



Module power up to 500 W Module efficiency up to 21.2 %



Up to 4.0 % lower LCOE Up to 4.2 % lower system cost



Comprehensive LID / LeTID mitigation technology, up to 50% lower degradation



Compatible with mainstream trackers, cost effective product for utility power plant



Better shading tolerance

MORE RELIABLE



Minimizes micro-crack impacts



Heavy snow load up to 5400 Pa, enhanced wind load up to 2400 Pa*



Enhanced Product Warranty on Materials and Workmanship*



Linear Power Performance Warranty*

1st year power degradation no more than 2% Subsequent annual power degradation no more than 0.55%

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001: 2015 / Quality management system

ISO 14001: 2015 / Standards for environmental management system ISO 45001: 2018 / International standards for occupational health & safety

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PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / MCS / INMETRO CEC listed (US California) / FSEC (US Florida) UL 61730 / IEC 61701 / IEC 62716 / IEC 60068-2-68 UNI 9177 Reaction to Fire: Class 1 / Take-e-way











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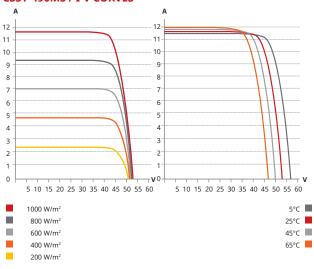
CSI Solar Co., Ltd. is committed to providing high quality solar products, solar system solutions and services to customers around the world. Canadian Solar was recognized as the No. 1 module supplier for quality and performance/price ratio in the IHS Module Customer Insight Survey, and is a leading PV project developer and manufacturer of solar modules, with over 50 GW deployed around the world since 2001.

 $[\]ensuremath{^{\star}}$ For detailed information, please refer to the Installation Manual.

ENGINEERING DRAWING (mm)

Rear View Frame Cross Section A - A B - B

CS3Y-490MS / I-V CURVES



ELECTRICAL DATA | STC*

475MS	480MS	485MS	490MS	495MS	500MS
475 W	480 W	485 W	490 W	495 W	500 W
44.0 V	44.2 V	44.4 V	44.6 V	44.8 V	45.0 V
10.81 A	10.87 A	10.94 A	11.00 A	11.06 A	11.12 A
52.7 V	52.9 V	53.1 V	53.3 V	53.5 V	53.7 V
11.52 A	11.57 A	11.62 A	11.67 A	11.72 A	11.77 A
20.1%	20.3%	20.6%	20.8%	21.0%	21.2%
-40°C ~	+85°C				
1500V (IEC/UL)	or 1000	V (IEC/U	L)	
				PE 2 (UL	61730
20 A					
Class A					
0 ~ + 10	W				
	475 W 44.0 V 10.81 A 52.7 V 11.52 A 20.1% -40°C ~ 1500V (TYPE 1 1000V) 20 A Class A	475 W 480 W 44.0 V 44.2 V 10.81 A 10.87 A 52.7 V 52.9 V 11.52 A 11.57 A 20.1% 20.3% -40°C ~ +85°C 1500V (IEC/UL) TYPE 1 (UL 6173 1000V) or CLAS	475 W 480 W 485 W 44.0 V 44.2 V 44.4 V 10.81 A 10.87 A 10.94 A 52.7 V 52.9 V 53.1 V 11.52 A 11.57 A 11.62 A 20.1% 20.3% 20.6% -40°C ~ +85°C 1500V (IEC/UL) or 1000° TYPE 1 (UL 61730 1500° 1000V) or CLASS C (IEC 20 A Class A	475 W 480 W 485 W 490 W 44.0 V 44.2 V 44.4 V 44.6 V 10.81 A 10.87 A 10.94 A 11.00 A 52.7 V 52.9 V 53.1 V 53.3 V 11.52 A 11.57 A 11.62 A 11.67 A 20.1% 20.3% 20.6% 20.8% -40°C ~ +85°C 1500V (IEC/UL) or 1000V (IEC/U TYPE 1 (UL 61730 1500V) or TYP 1000V) or CLASS C (IEC 61730) 20 A Class A	44.0 V 44.2 V 44.4 V 44.6 V 44.8 V 10.81 A 10.87 A 10.94 A 11.00 A 11.06 A 52.7 V 52.9 V 53.1 V 53.3 V 53.5 V 11.52 A 11.57 A 11.62 A 11.67 A 11.72 A 20.1% 20.3% 20.6% 20.8% 21.0% -40°C ~ +85°C 1500V (IEC/UL) or 1000V (IEC/UL) TYPE 1 (UL 61730 1500V) or TYPE 2 (UL 1000V) or CLASS C (IEC 61730) 20 A Class A

^{*} Under Standard Test Conditions (STC) of irradiance of 1000 W/ m^2 , spectrum AM 1.5 and cell temperature of 25°C.

MECHANICAL DATA

Specification	Data
Cell Type	Mono-crystalline
Cell Arrangement	156 [2 X (13 X 6)]
Dimensions	2252 X 1048 X 35 mm
Dimensions	(88.7 X 41.3 X 1.38 in)
Weight	25.7 kg (56.7 lbs)
Front Cover	3.2 mm tempered glass
Frame	Anodized aluminium alloy
J-Box	IP68, 3 bypass diodes
Cable	4 mm ² (IEC), 12 AWG (UL)
Cable Length (Including Connector)	410 mm (16.1 in) (+) / 290 mm (11.4 in) (-) or customized length*
Connector	T4 series or H4 UTX or MC4-EVO2
Per Pallet	30 pieces
Per Container (40' HQ)	600 pieces

 $[\]boldsymbol{\star}$ For detailed information, please contact your local Canadian Solar sales and technical representatives.

ELECTRICAL DATA | NMOT*

CS3Y	475MS	480MS	485MS	490MS	495MS	500MS
Nominal Max. Power (Pmax)	355 W	359 W	362 W	366 W	370 W	374 W
Opt. Operating Voltage (Vmp)	41.1 V	41.3 V	41.5 V	41.7 V	41.8 V	42.0 V
Opt. Operating Current (Imp)	8.64 A	8.70 A	8.74 A	8.78 A	8.86 A	8.91 A
Open Circuit Voltage (Voc)	49.7 V	49.9 V	50.1 V	50.2 V	50.4 V	50.6 V
Short Circuit Current (Isc)	9.29 A	9.33 A	9.38 A	9.42 A	9.46 A	9.50 A

^{*} Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m² spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

Data
-0.34 % / °C
-0.26 % / °C
0.05 % / °C
e 42 ± 3°C

PARTNER SECTION

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CSI Solar Co., Ltd.

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actual







HiKu6 Mono PERC 445 W ~ 465 W CS6L-445 | 450 | 455 | 460 | 465 MS

MORE POWER



Module power up to 465 W Module efficiency up to 21.5 %



Lower LCOE & system cost



Comprehensive LID / LeTID mitigation technology, up to 50% lower degradation



Better shading tolerance

MORE RELIABLE



Minimizes micro-crack impacts



Heavy snow load up to 5400 Pa, wind load up to 2400 Pa*

^{*}Black frame product can be provided upon request.



Enhanced Product Warranty on Materials and Workmanship*



Linear Power Performance Warranty*

1st year power degradation no more than 2% Subsequent annual power degradation no more than 0.55%

*According to the applicable Canadian Solar Limited Warranty Statement.

MANAGEMENT SYSTEM CERTIFICATES*

ISO 9001:2015 / Quality management system ISO 14001:2015 / Standards for environmental management system ISO 45001: 2018 / International standards for occupational health & safety IEC62941: 2019 / Photovoltaic module manufacturing quality system

PRODUCT CERTIFICATES*

IEC 61215 / IEC 61730 / CE / UL 61730 / Take-e-way









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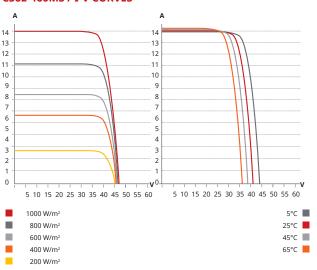
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^{*} For detailed information, please refer to the Installation Manual.

ENGINEERING DRAWING (mm)

Rear View Frame Cross Section Δ - Δ B - B 1400 **Mounting Hole**

CS6L-460MS / I-V CURVES



ELECTRICAL DATA | STC*

CS6L	445MS	450MS	455MS	460MS	465MS
Nominal Max. Power (Pmax)	445 W	450 W	455 W	460 W	465 W
Opt. Operating Voltage (Vmp)	34.2 V	34.4 V	34.6 V	34.8 V	35.0 V
Opt. Operating Current (Imp)	13.03 A	13.10 A	13.17 A	13.24 A	13.30 A
Open Circuit Voltage (Voc)	40.8 V	41.0 V	41.2 V	41.4 V	41.6 V
Short Circuit Current (Isc)	13.86 A	13.9 A	13.95 A	14.00 A	14.09 A
Module Efficiency	20.6%	20.9%	21.1%	21.3%	21.5%
Operating Temperature	-40°C ~ +	-85°C			
Max. System Voltage	1500V (II	EC/UL) or	· 1000V (I	EC/UL)	
Module Fire Performance	TYPE 1 (l 61730 10	JL 61730 000V) or (1500V) c CLASS C (or TYPE 2 IEC 6173	(UL (0)
Max. Series Fuse Rating	25 A				
Application Classification	Class A				
Power Tolerance	0 ~ + 10 \	V			

^{*} Under Standard Test Conditions (STC) of irradiance of 1000 W/m², spectrum AM 1.5 and cell temperature of 25°C.

MECHANICAL DATA

Specification	Data
Cell Type	Mono-crystalline
Cell Arrangement	120 [2 X (10 X 6)]
Dimensions	1903 × 1134 × 30 mm
Dimensions	(74.9 × 44.6 × 1.18 in)
Weight	24.2 kg (53.4 lbs)
Front Cover	3.2 mm tempered glass with anti-reflective coating
Frame	Anodized aluminium alloy
J-Box	IP68, 3 bypass diodes
Cable	4 mm ² (IEC), 12 AWG (UL)
Connector	T6 or MC4 or MC4-EVO2 or MC4-EVO2A
Cable Length (Including Connector)	Portrait: 410 mm (16.1 in) (+) / 290 mm (11.4 in) (-); landscape: 1100 mm (43.3 in)*
Per Pallet	35 pieces
Per Container (40' HQ)	840 pieces

* For detailed information, please contact your local Canadian Solar sales and technical representatives.

ELECTRICAL DATA | NMOT*

CS6L	445MS	450MS	455MS	460MS	465MS
Nominal Max. Power (Pmax)	334 W	338 W	341 W	345 W	349 W
Opt. Operating Voltage (Vmp)	32.1 V	32.2 V	32.4 V	32.6 V	32.8 V
Opt. Operating Current (Imp)	10.41 A	10.47 A	10.52 A	10.58 A	10.63 A
Open Circuit Voltage (Voc)	38.6 V	38.8 V	38.9 V	39.1 V	39.3 V
Short Circuit Current (Isc)	11.18 A	11.21 A	11.25 A	11.29 A	11.36 A

^{*} Under Nominal Module Operating Temperature (NMOT), irradiance of 800 W/m^{2,} spectrum AM 1.5, ambient temperature 20°C, wind speed 1 m/s.

TEMPERATURE CHARACTERISTICS

0.240/ /06
-0.34 % / °C
-0.26 % / °C
0.05 % / °C
41 ± 3°C

PARTNER SECTION

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Sunny Highpower PEAK3

Customized for tomorrow today





Efficient

- High power density with 180 kW thanks to its compact structure
- Max. yield due to possible DC/AC ratio of up to 200%
- No derating up to 50°C

Reliable

- Superior PV system availability with 180 kW units
- Innovative digital features aligned with the energy management platform ennexOS

Flexible

- For DC input voltages up to 1500 V
- Flexible DC solutions with customer-specific PV array junction boxes

Easy to install

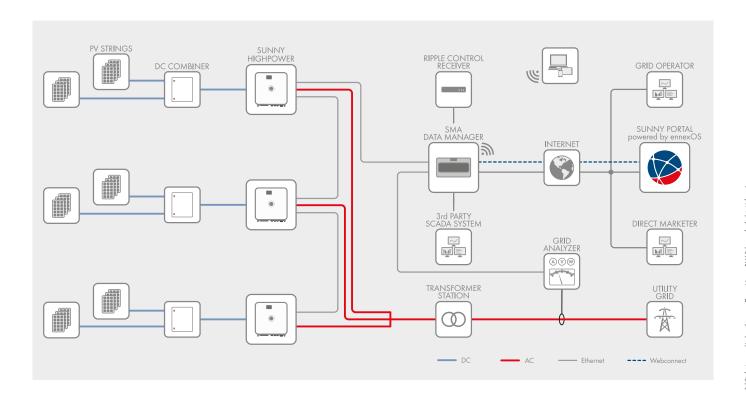
- Ergonomic handling and simple connection for quick installation
- Centralized commissioning and control of the PV power plant via SMA Data Manager

The Sunny Highpower PEAK3 is the central component of the SMA solution for PV power plants with a decentralized architecture and system voltages of 1500 V DC.

This compact string inverter enables cost-optimized solutions for industrial PV applications thanks to its high power density. It also provides a simple way of transport and allows for quick installation and commissioning. This string inverter with 180 kW of power is equipped with the automatic SMA Smart Connected service for proactive servicing that facilitates operation and maintenance and reduces service costs throughout the entire project lifetime.

Technical Data	Sunny Highpower 100-21	Sunny Highpower 150-21
Input (DC)		
Max. PV array power	200 kWp	300 kWp
Max. input voltage	1100 V	1500 V
MPP voltage range / rated input voltage	590 V to 1000 V / 590 V	880 V to 1450 V / 880 V
Min. DC voltage / start voltage	570 V / 625 V	855 V / 940 V
Max. usable input current / max. short-circuit current		/ 325 A
Number of independent MPP trackers	10077	1
Number of inputs	1 or 2 (antional) for exteri	nal PV array junction boxes
Output (AC)	1 of 2 (optional) for extent	ndi i v diray jonellon boxes
•	100 kW	150 kW
Rated power at nominal voltage		
Max. apparent power	100 kVA	150 kVA
Nominal AC voltage / AC voltage range	400 V / 177 V to 477 V	600 V / 480 V to 690 V
AC grid frequency / range	50 Hz / 44 Hz to 55 Hz 60 Hz / 54 Hz to 66 Hz	
Rated grid frequency		Hz
Max. output current		1 A
Power factor at rated power / displacement power factor adjustable	•	l to 0 underexcited
Harmonic (THD)	< 0	0.5%
Feed-in phases / AC connection	3 /	3-PE
Efficiency		
Max. efficiency / European efficiency	98.8% / 98.5%	99.1% / 98.8%
Protective devices		
Ground fault monitoring / grid monitoring / DC reverse polarity protection	• /	•/•
AC short-circuit current capability / galvanically isolated	•/-	
All-pole-sensitive residual-current monitoring unit		, •
Monitored surge arrester (type II) AC / DC		/ ●
Protection class (according to IEC 62109-1) / overvoltage category (as per IEC 62109-1)		III; DC: II
General Data	1/ AC.	III, DC. II
	770 / 000 / 1/0	(00.0: /00.7: /10.0:)
Dimensions (W / H / D)		n (30.3 in / 32.7 in / 18.2 in)
Weight		(218 lb)
Operating temperature range		(-13°F to +140°F)
Noise emission (typical)		dB(A)
Self-consumption (at night)		5 W
Topology		rmerless
Cooling method	OptiCool, active coolir	ng, speed-controlled fan
Degree of protection (according to IEC 60529)	IP	65
Max. permissible value for relative humidity (non-condensing)	10	0%
Features / function / accessories		
DC connection / AC connection	Terminal lug (up to 300 mm²) /	Screw terminal (up to 150 mm²)
LED indicators (Status / Fault / Communication)		•
Ethernet interface	• (2	ports)
Data interface: SMA Modbus / SunSpec Modbus / Speedwire	• / •	•/•
Mounting type		nounting
OptiTrac / Integrated Plant Control / Q on Demand 24/7		• / •
Off-grid capable / SMA Fuel Save Controller compatible	·	/ ●
Warranty: 5 / 10 / 15 / 20 / 25 years		0/0/0
Certificates and approvals (pending)	IEC/EN 62109-1/-2, VDE-AR-N 4110/4	
		· · ·

Technical Data	Sunny Highpower 172-21	Sunny Highpower 180-21
Input (DC)		
Max. PV array power	344 kWp	360 kWp
Max. input voltage	1500 V	1500 V
MPP voltage range / rated input voltage	968 V bis 1450 V / 968 V	1012 V bis 1450 V / 1012 V
Min. DC voltage / start voltage	939 V / 1032 V	982 V / 1079 V
Max. usable input current / max. short-circuit current		/ 325 A
Number of independent MPP trackers	10071	1
Number of inputs	1 or 2 (antional) for extern	nal PV array junction boxes
Output (AC)	1 of 2 (optional) for extent	idi i v diray briclion boxes
• • •	172 kW	180 kW
Rated power at nominal voltage		
Max. apparent power	172 kVA	180 kVA
Nominal AC voltage / AC voltage range	660 V / 528 V to 759 V	690 V / 552 V to 793 V
AC grid frequency / range	50 Hz / 44 Hz to 55 Hz 60 Hz / 54 Hz to 66 Hz	
Rated grid frequency		Hz
Max. output current		1 A
Power factor at rated power / displacement power factor adjustable	1 / 0 overexcited to 0 underexcited	
Harmonic (THD)	< 0	.5%
Feed-in phases / AC connection	3 / 3-PE	
Efficiency		
Max. efficiency / European efficiency	99.2% / 98.9%	99.2% / 98.9%
Protective devices		
Ground fault monitoring / grid monitoring / DC reverse polarity protection	•/•	•/•
AC short-circuit current capability / galvanically isolated	•/-	
All-pole-sensitive residual-current monitoring unit		
Monitored surge arrester (type II) AC / DC	• ,	/ •
Protection class (according to IEC 62109-1) / overvoltage category (as per IEC 62109-1)	,	II; DC: II
General Data	.,	, 5 6
Dimensions (W / H / D)	770 / 920 / 462	- (20 2 in / 22 7 in / 10 2 in)
Weight		n (30.3 in / 32.7 in / 18.2 in) 218 lb)
•		(-13°F to +140°F)
Operating temperature range		
Noise emission (typical)		IB(A) 5 W
Self-consumption (at night)		
Topology		merless
Cooling method	OptiCool, active coolin	
Degree of protection (according to IEC 60529)		65
Max. permissible value for relative humidity (non-condensing)	10	0%
Features / function / accessories		
DC connection / AC connection	Terminal lug (up to 300 mm²) /	Screw terminal (up to 150 mm²)
LED indicators (Status / Fault / Communication)	•	
Ethernet interface	• (2	ports)
Data interface: SMA Modbus / SunSpec Modbus / Speedwire	•/	• / •
Mounting type	Rack m	ounting
OptiTrac / Integrated Plant Control / Q on Demand 24/7	•/•	•/•
Off-grid capable / SMA Fuel Save Controller compatible	• ,	/ ●
Warranty: 5 / 10 / 15 / 20 / 25 years	•/0/0	0/0/0
Certificates and approvals (pending)	IEC/EN 62109-1/-2, VDE-AR-N 4110/4 C10/11, CEI 0-16, G99/1 (>16	120, IEC 62116, IEC 61 <i>727,</i> EN 50 6A), PO 12.3, ABNT NBR 16149





When EPCs and developers need a dependable, low-maintenance fixed-tilt ground mount system, they turn to GLIDE Wave. With over 5 GW of projects deployed across the U.S., our flexible design can be adapted to meet the project specific needs on any site, no matter the challenges.

Value Engineered

 Multiple foundation types are available to meet any unique underground soil conditions.

GLIDE Wave

- Arrays are designed using continuous rows to follow the existing terrain and minimize the number of foundations required.
- Raised purlin are utilized as an integrated bonding and grounding method, which is UL 2703 listed, eliminating the need for additional grounding clips or washers.
- Parts and components are domestically sourced and manufactured for faster turnaround times.

Efficient Installation

- Pre-assembled parts and components reduce the number of connections needed at each table/bay by up to 50%.
- Components are designed with adjustable tolerances to make field installation a smoother process.
- Dedicated project management and in-house installation teams capable of completing full structural installation of an array.
- Integrated wire management and equipment posts available to simplify eBOS installation.



Specifications

Wind Loads	170 mph+	
Snow Loads	90 psf+	
Pre-Assembled Parts	Reduced installation time	
Slope	Accomodates up to 30%	
Warranty	20 years	
Post Type	Cee posts or I-beam options available	
Module Configuration	Portrait or landscape (all module frame types)	
Raised Purlin	Integrated bonding and grounding	
Listing	UL 2703	