SolarEdge Roadshow Benelux 2025

Commercial Sales

Humfrey Disco

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Agenda for today

- Safety benefits of a DC optimised solution
- Added benefits of a DC optimised system
- Cyber security
- Products
- Smart Stringing and comparisons
- SolarEdge One for C&I / EV

Optimized Energy Ecosystem for C&I Rooftops

Designed for a variety of Commercial and Industrial applications

Coming soon
SolarEdge ONE

SolarEdge ONE

SolarEdge ONE Controller

2:1 Power Optimizers
S1000 | S1200 | S1400

Storage

Here now
SolarEdge Commercial Storage System - OD

EV Chargers

SolarEdge EV Charger

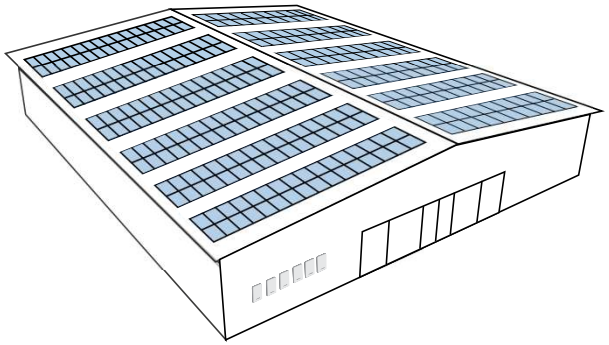
Inverters
20kW – 100kW

Optimised Utility
Terramax SE330K

Not all products are available in all regions.

An Innovative Architecture

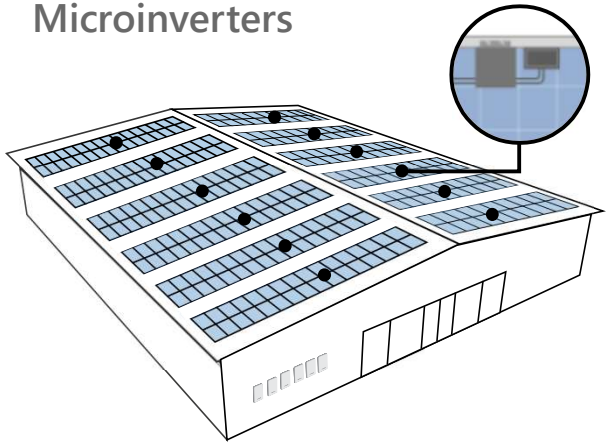
Traditional String Inverters



- Lowest cost to deploy
- Incumbent technology
- Majority market share

- ✕ Limited safety features
- ✕ No module-level monitoring
- ✕ Reduced yield
- ✕ Lower roof utilization

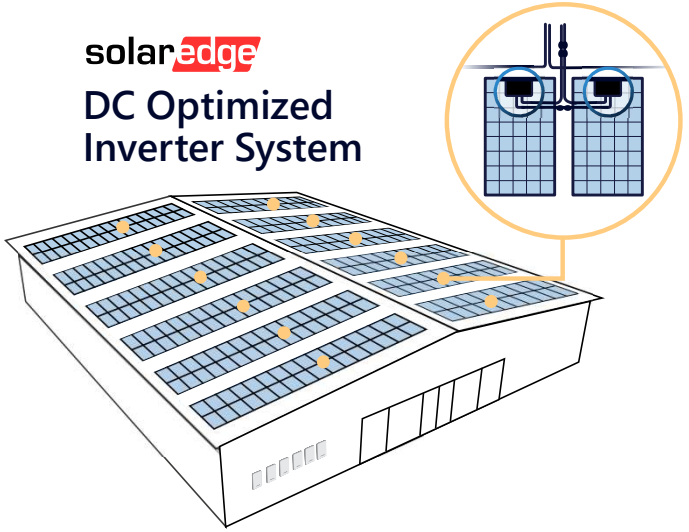
Microinverters



- AC architecture
- Module-level optimization
- Module level monitoring

- ✕ Prohibitively expensive
- ✕ Not commercially deployed

solaredge DC Optimized Inverter System



- ✓ Advanced Safety Features
- ✓ Module-level optimization
- ✓ Module-level monitoring
- ✓ Simplified inverter
- ✓ Improved scalability

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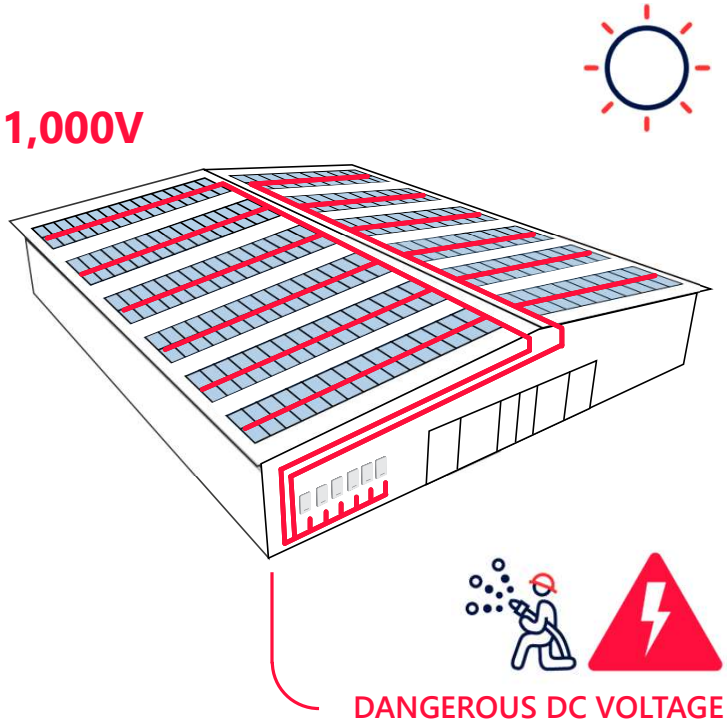
You Can’t Turn Off the Sun

PV systems continue to generate high DC voltage when disconnected from the AC grid.

- When connected in a string, voltages in commercial solar arrays can reach 600-1500V
- Potentially dangerous to installers during installation and maintenance personnel during O&M
- Firefighters commonly cut off building power so they have a safe environment in which to operate

High DC voltage restricts safe emergency response work



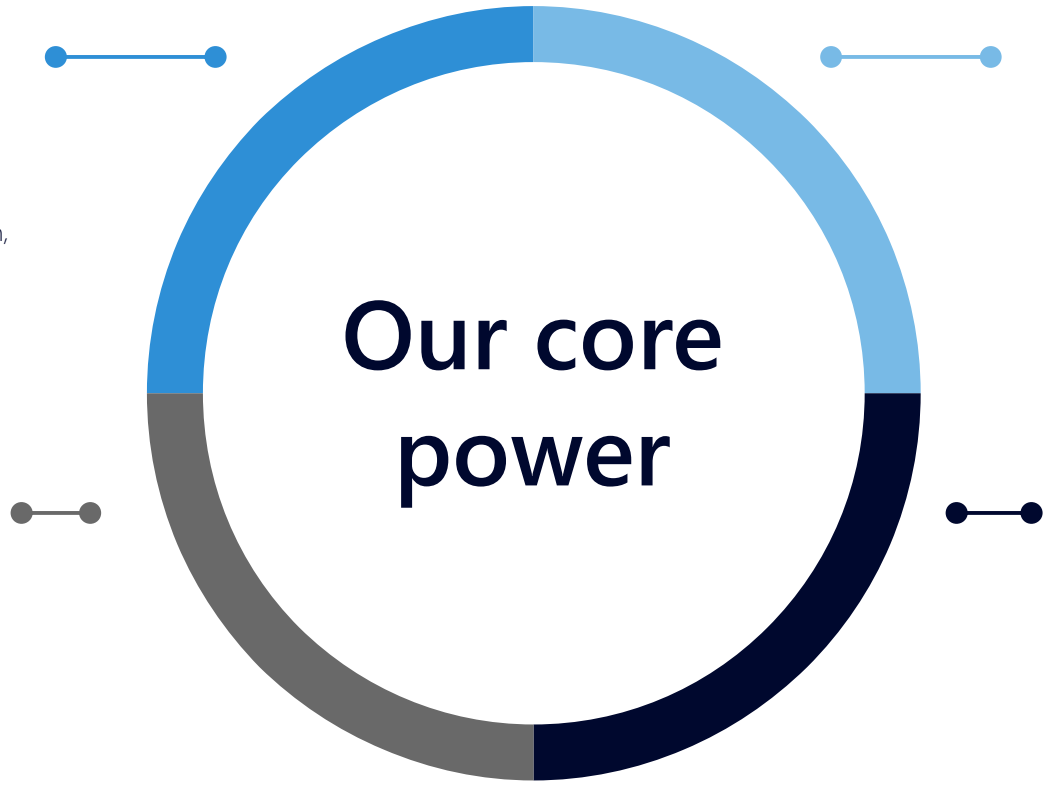
SolarEdge innovative technological benefits

More power

Generate more energy over system lifetime, with DC Optimized technology. Maximum space utilization, MLPE for shading, challenging roofs, uneven terrain, and module mismatch.

Enhanced safety & security

Multilayer safety includes SafeDC, Sense Connect, and surge protection to protect installers, customers, maintenance teams, and first responders.



Optimized energy ecosystem

Our integrated ecosystem is designed to generate, store and manage energy use in an optimized manner. Ultimately, this means the SolarEdge delivers more energy, which can be stored and consumed in a more efficient and effective manner.

Reliability

World-class product reliability methodologies deeply embedded into SolarEdge design and production DNA, backed up by long-term warranties.

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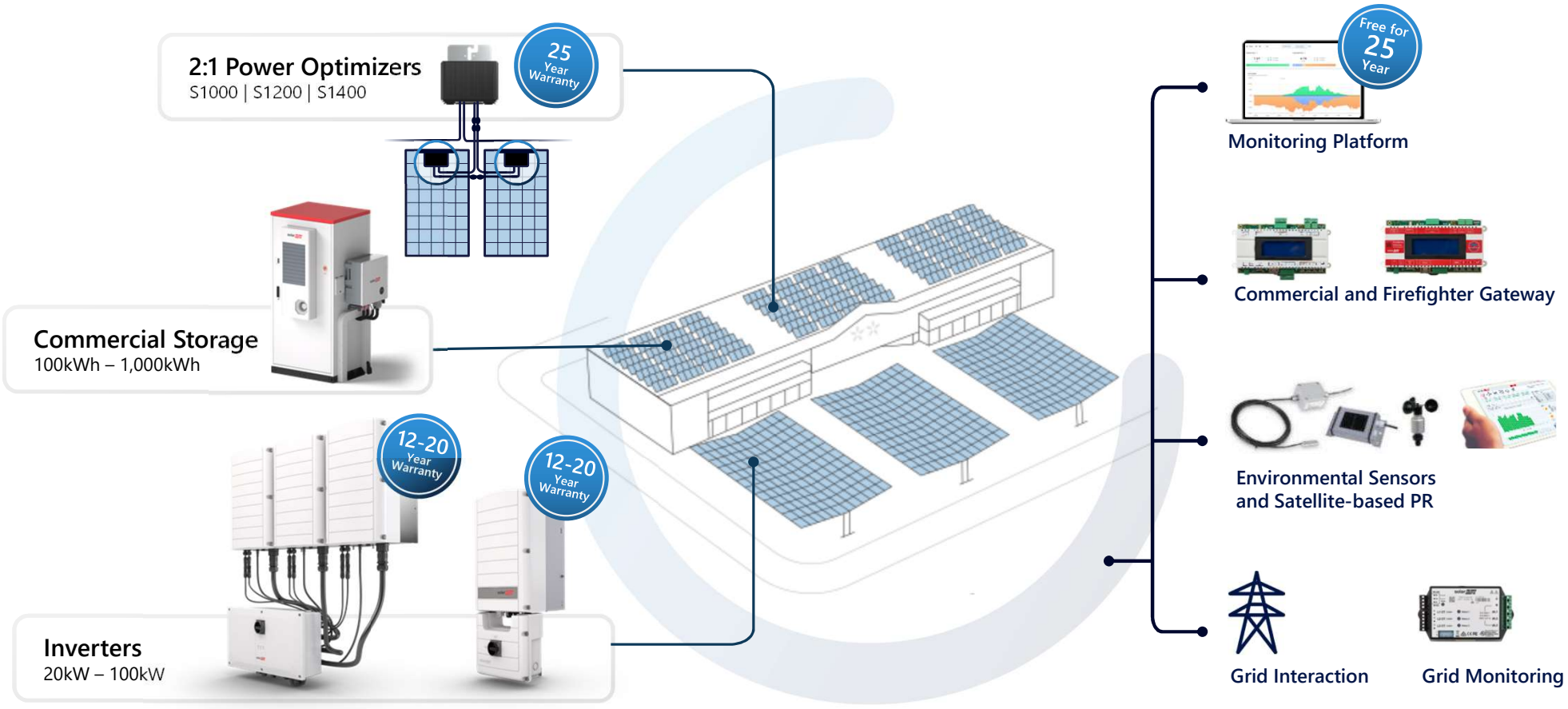
The Anatomy of a Commercial System



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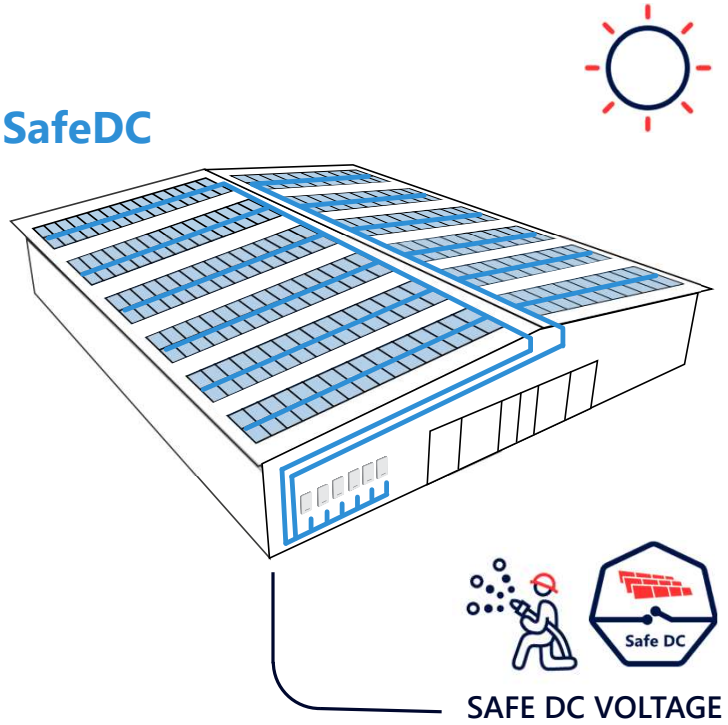
SolarEdge – SafeDC™

Whenever AC power is off, the DC wires are de-energized. By design, this protects

- People
- Property
- Emergency services

Power optimizers are designed to drop to 1VDC in any of these cases:

- The inverter is turned off
- A building is disconnected from the electrical grid
- Insulation faults
- Connector over-temperature events
- Thermal sensors detect temperature over threshold (85 ˚C)



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NB0

SolarEdge MLPE mitigates risks of PV fire

The main cause of PV fire?
Electric arcs.

- An electric arc is a continuous high-energy discharge caused by a current flowing through a non-conductive medium such as air

- **Can start as a result of:**
  - Faulty/incorrect connections, including corrosion, animal damage, mechanical stress (due to wind, defective mechanical DC switch-disconnectors)
  - Overheating of system components
  - Component age (degradation over time increases risk)

To mitigate the risk of fire – identify the arc as it happens – or BEFORE it happens.

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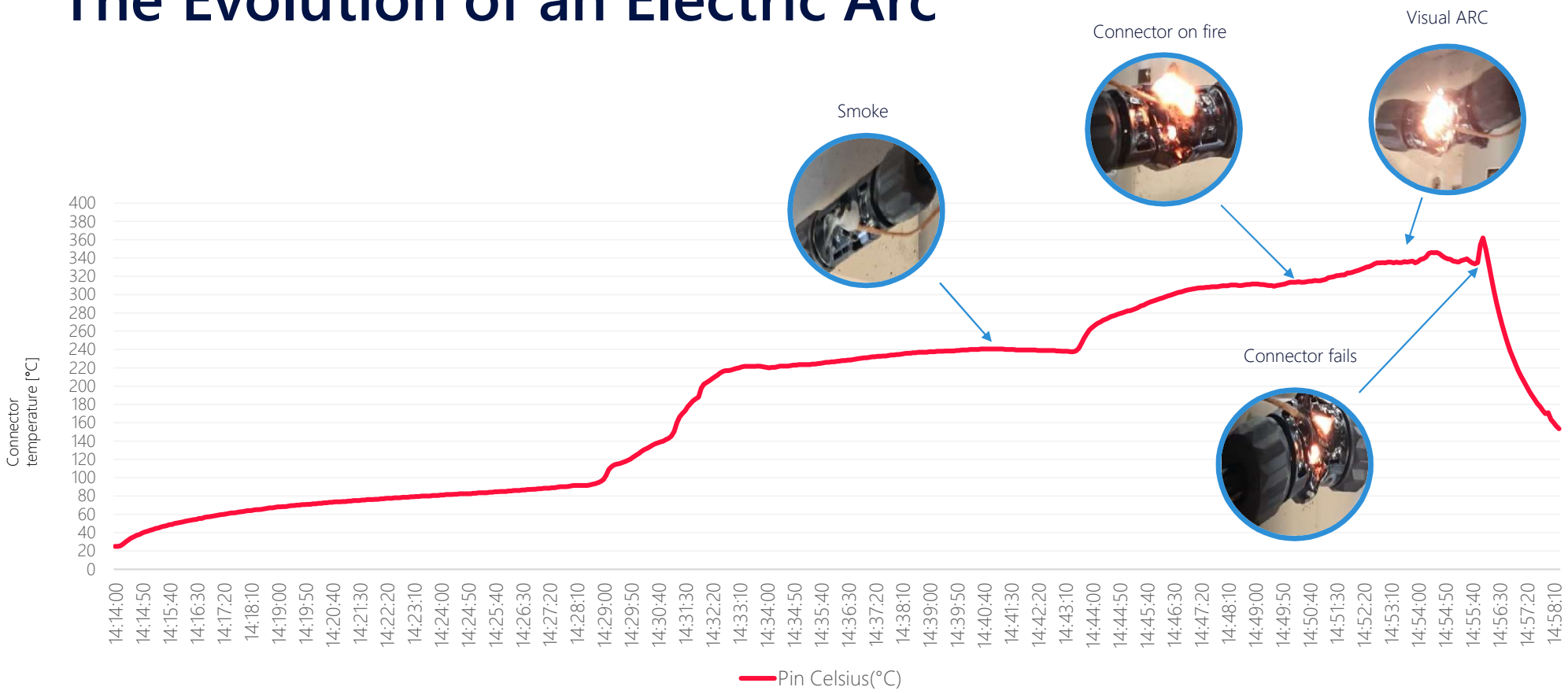
1|B0

The Evolution of an Electric Arc



A poor connection slowly heats up → As it heats up, one section thermally expands → The gap increases, and so does the resistance → It's a self-sustaining process → Eventually, there is enough of a gap that an arc occurs

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Bakker Transport & Warehousing - NL - 2022

Industry, Agri and Ground Mount

S Series
Power Optimiser

- SafeDC
- SenseConnect
- Module level monitoring
- Maximum Power Point Tracker (MPPT)
- Rapid Shutdown

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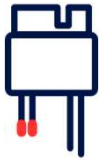
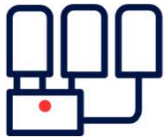
SenseConnect™



Detect

Potential arcing threat identified



React

Inverter ceases production and locks

Notify

Monitoring Platform

Location of applicable Module and Power Optimizer is seen in the site physical layout

SetApp

Installer receives alert that includes the applicable Inverter and Power Optimizer serial numbers

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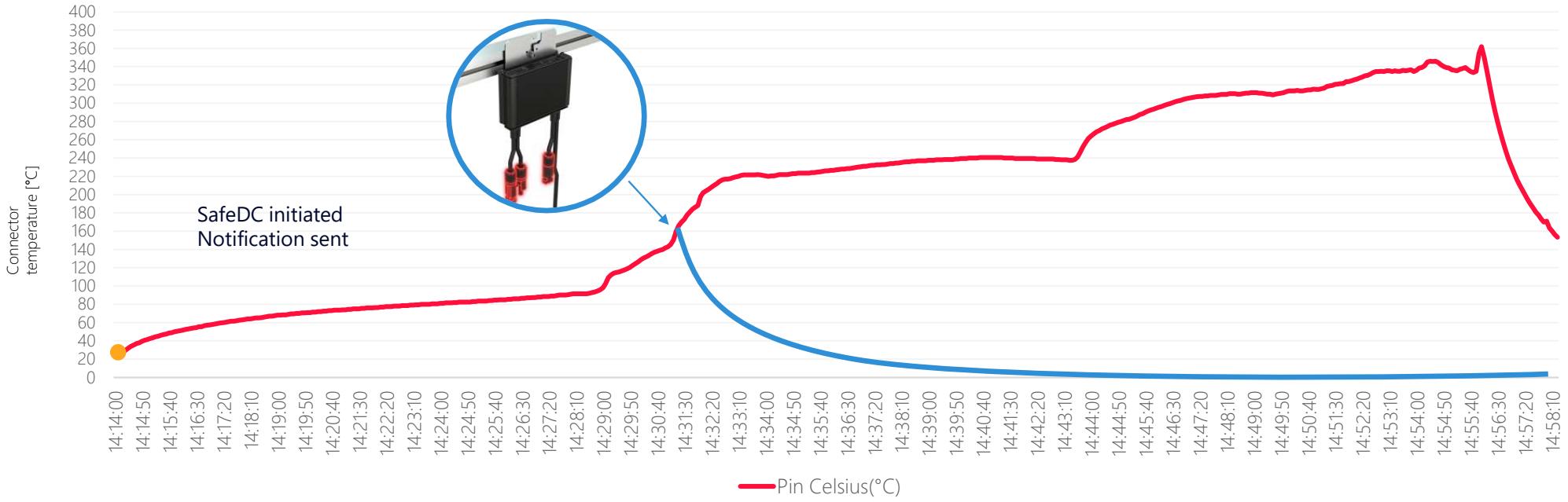
1|B0

SenseConnect™ in action

Eliminating the risk at early stages; before massive deformation, before smoke starts, and ultimately before the arc itself



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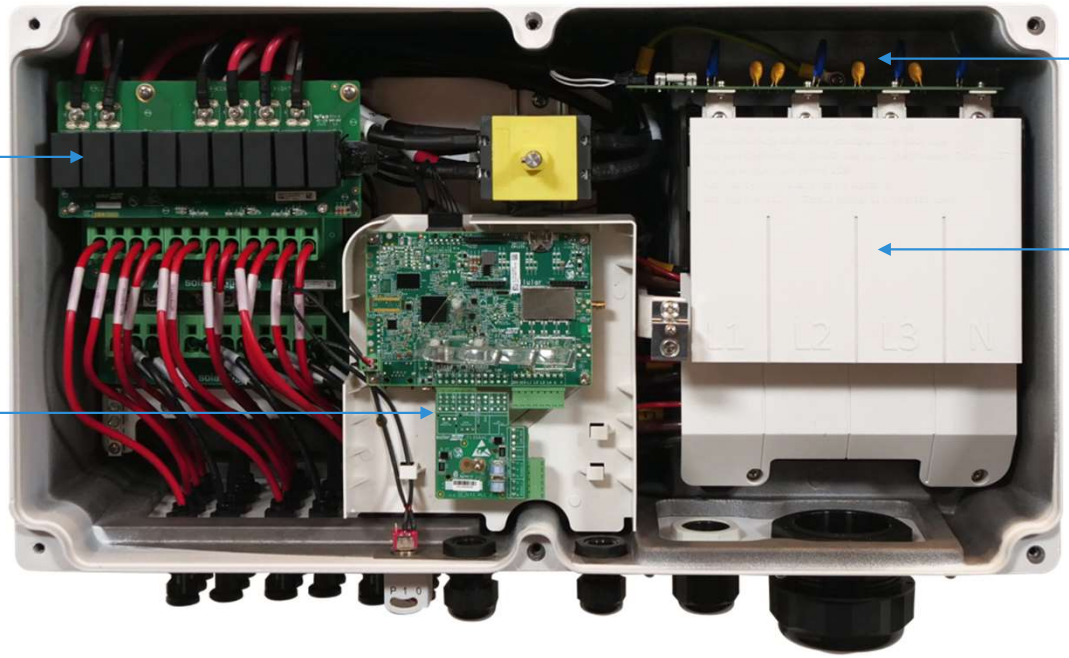
Synergy Inverters

Synergy Manager orchestrates the entire inverter system.



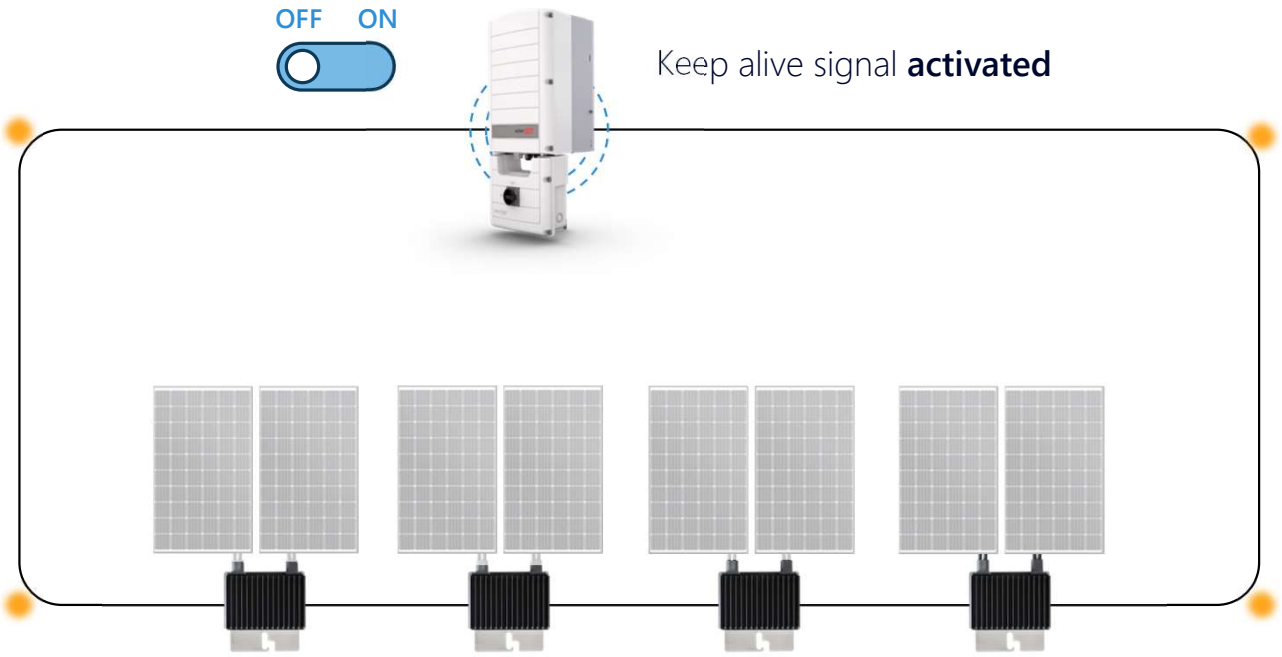
AC Fault Protection

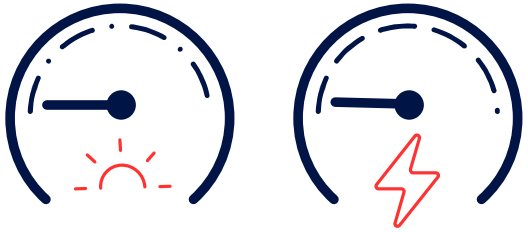

SolarEdge Field Service Engineer, UK 2024


SolarEdge Field Service Engineer, UK 2024


SolarEdge Field Service Engineer, UK 2024

Mitigate Risk for Maximum Safety - SafeDC





Normal PV operation

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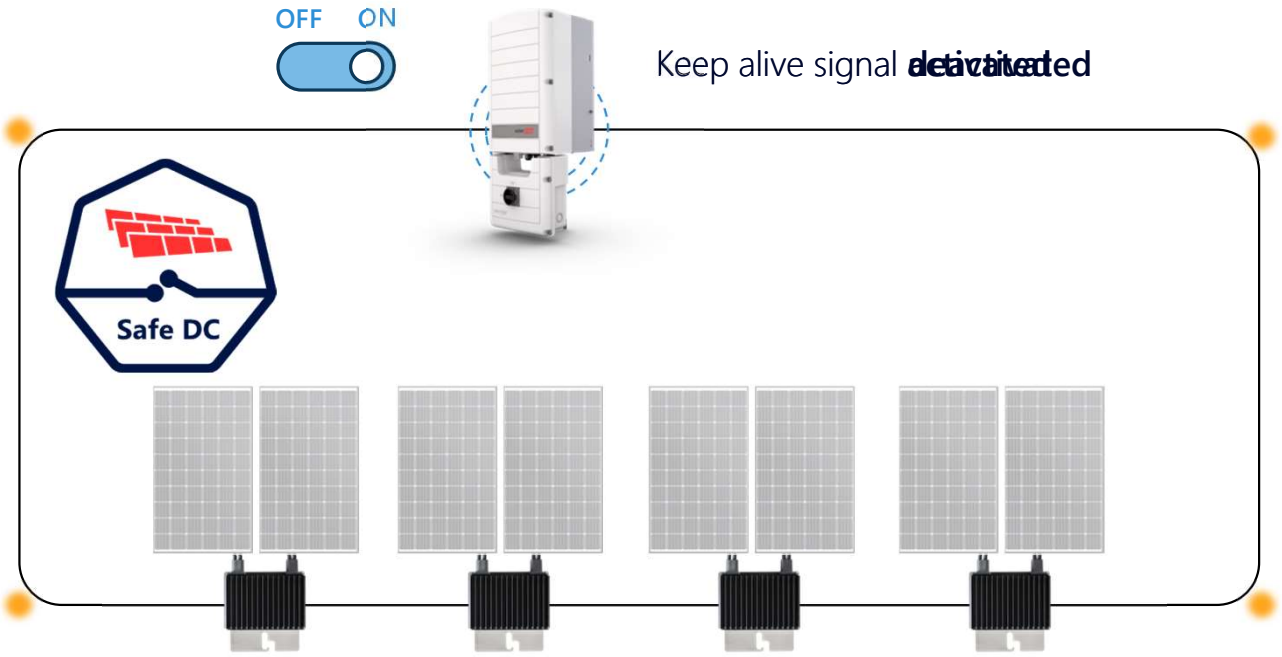
Mitigate Risk for Maximum Safety



DC voltage reduced to touch safe levels.

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PV safety is about a holistic approach

A truly safe PV system should be based on a comprehensive solution that addresses the various safety requirements and is evidenced by a field-proven track record

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Waakzaam blijven tegen huidige en toekomstige cyberdreigingen

- Het onderhouden van een beveiligd ecosysteem is al een noodzaak in PV-systemen
- Er komen aanzienlijke cyberregelgevingen aan, dus de voorbereidingen moeten al getroffen zijn
- Nu hackers en hun methoden steeds geavanceerder worden, kan wat vandaag de dag als veilig wordt beschouwd, over een paar jaar nog geen zekerheid bieden
- PV-systemen, een langetermijninvestering van 25 jaar, vereisen bescherming tegen de huidige cyberdreigingen en de onbekende risico's van morgen

Staying Vigilant Against Present and Future Cyber Threats

Maintaining a secured ecosystem is already a necessity in PV systems

Significant cyber regulations are coming so preparations should already be put in place

As hackers and their methods become increasingly sophisticated, what is considered secure today doesn't ensure security just a few years from now

PV systems, a long-term 25-year investment, require protection from present cyber threats and the unknown risks of tomorrow

SolarEdge system technical features

Casual Wi-Fi scanning protection

LAN scanning protection

Over-the-air updates

XGuard dedicated security agent

Monitoring features set

Optional remote support lockout

Secure boot & Secure Storage

SSO & Multi Factor Authentication

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New Cyber Laws for PV Systems are in the Works

PV systems have become critical energy infrastructure and as such attract serious attention from regulators. This is already seen in a "wave" of upcoming new laws and regulations.

Upcoming cyber regulations and standards:

RED 2014/53/EU Article 3.3- The European radio equipment directive for IoT cybersecurity
SolarEdge - the first to be certified

Cyber Resilience Act: EU wide legislation for the cyber security of IoT and connected devices (effective from 2026-2027)

NIS 2 Directive: EU wide directive for achieving a high level of cybersecurity across the EU (effective October 2024)

UL 2941: A dedicated international standard for the cybersecurity of Smart Inverters and Distributed Energy Resources. (Expected timeline for official release: 2025)

The "U.S Cyber Trust Mark":
A cybersecurity certification and labeling program. (Expected timeline for official release: 2025)

UK PSTI (2023): The Product Security and Telecommunications Infrastructure (UK PSTI) 29th April 2024

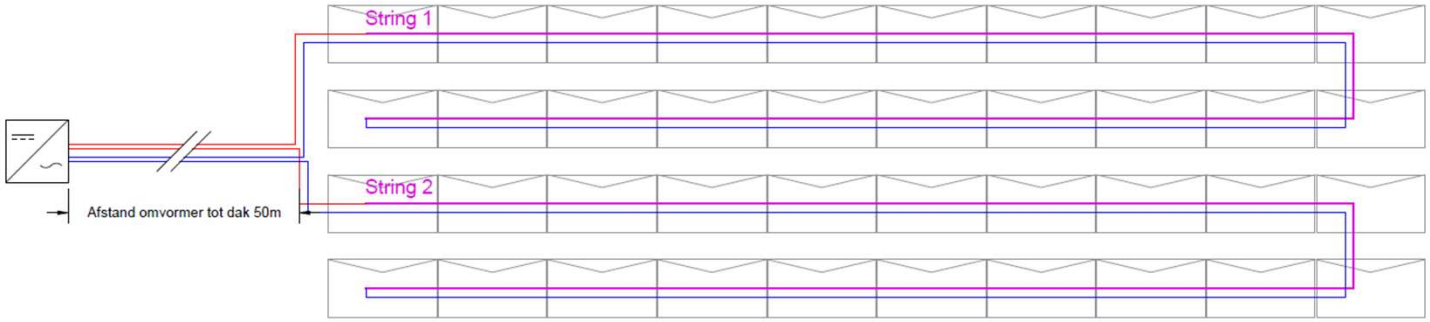
SolarEdge Products have full compliance – details on our website.

Stringing Designs

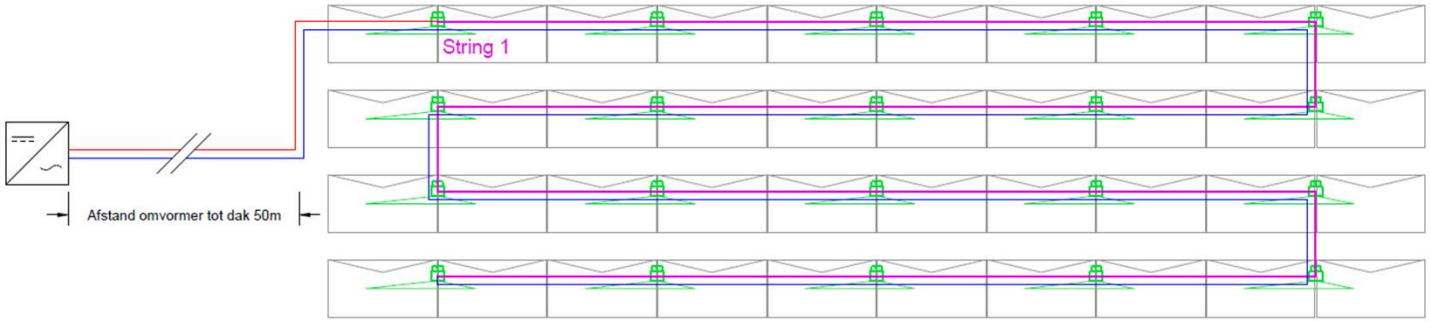
20kW MW Residential house
Tzipori, Israel

stringing - zuidopstelling

1. Stringomvormer
- 2 strings x 20 PV modules
- Total Cable Length : 284 meter



2. SolarEdge
- 1 string x 40 PV modules (20 optimizers)
- Total Cable Length: 176 meter



Savings: 108 meter / 38%

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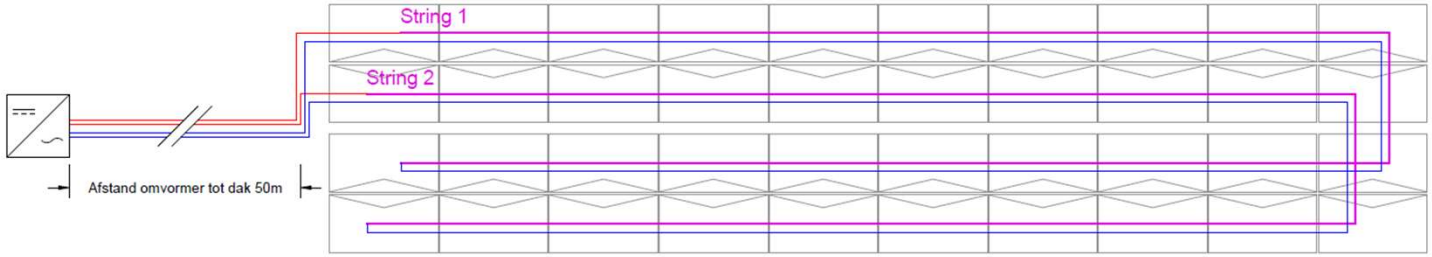
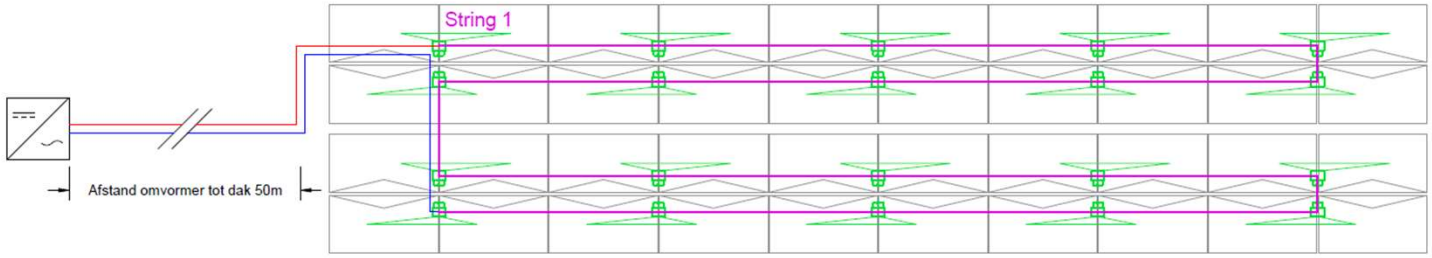
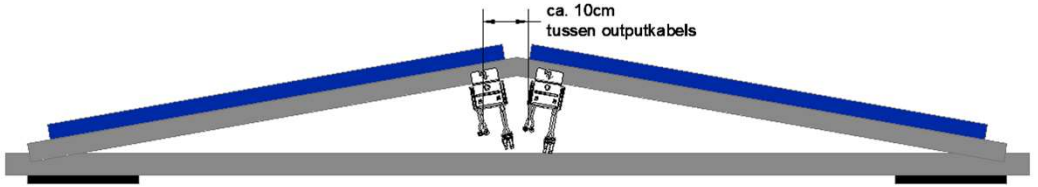
stringing – oost/west opstelling

1. Stringomvormer
- 2 strings x 20 PV panelen
- Total Cable Length : 283 meter



2. SolarEdge
- 1 string x 40 PV modules (20 optimizers)
- No induction loop by smart stringing
- Total Cable Length : 110 meter





Savings : 173 meter / 61%

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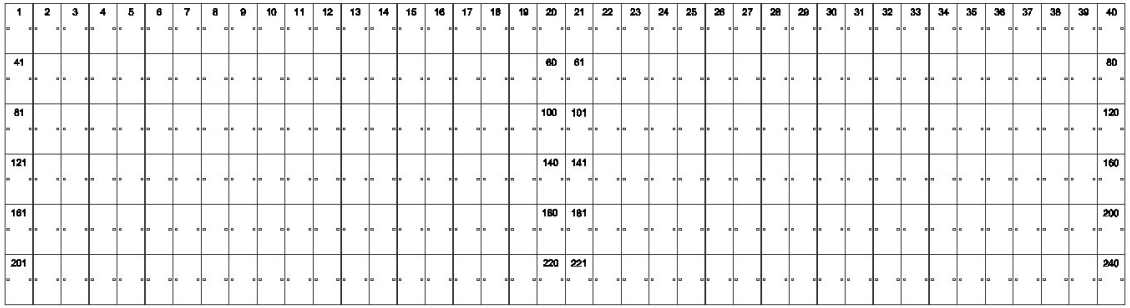
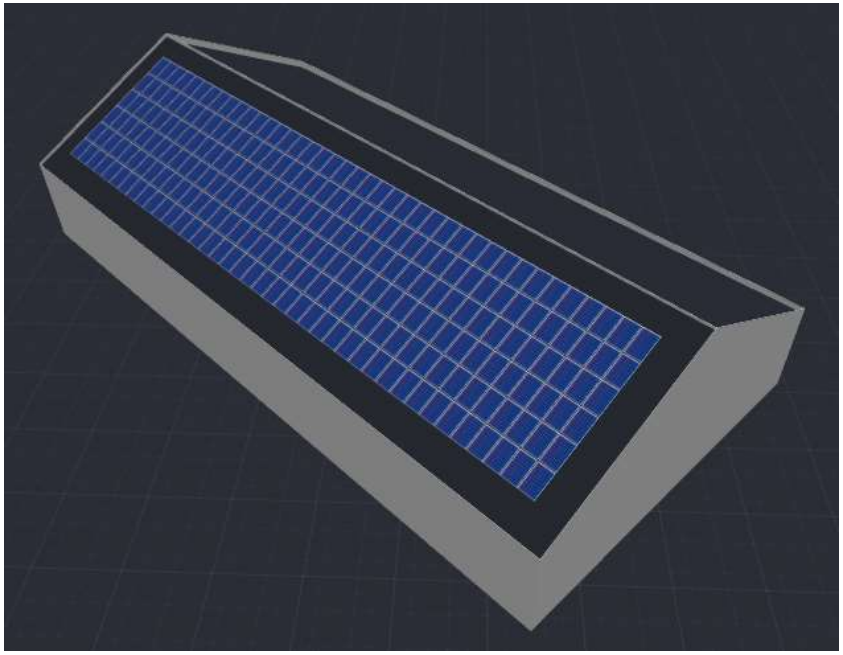
Frog Leaping

20kW MW Residential house
Tzipori, Israel

DC bekabeling Schuin dak

- 240 modules, 120 cells, split junction box.
- 6 x 40 modules portrait layout





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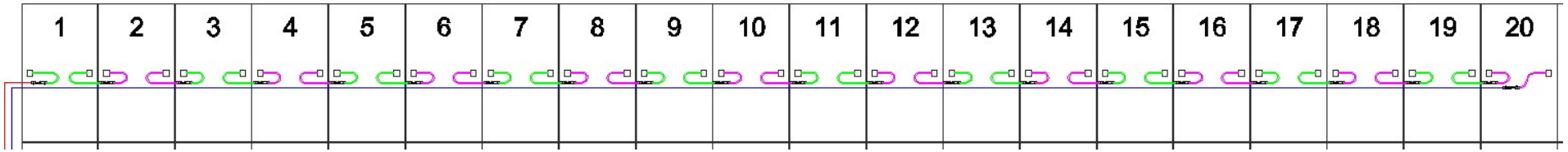
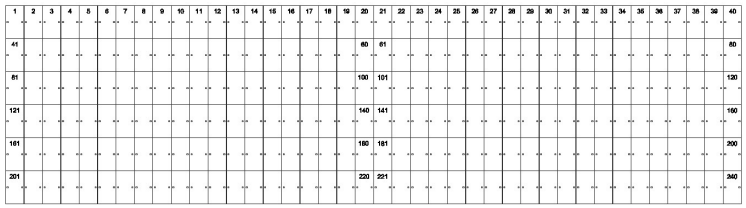
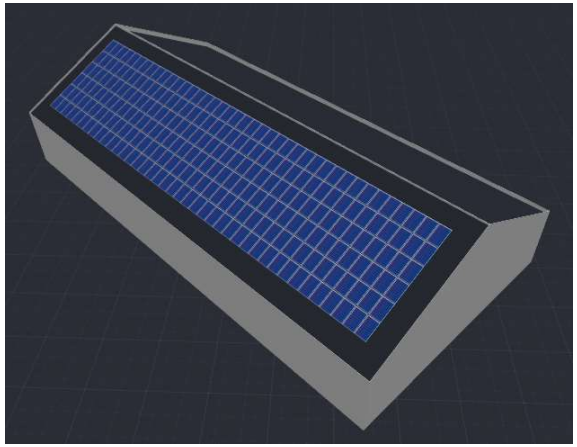
DC cabling string inverter, basic principle

v1. 1 String with 20 modules, basic string method



- String inverter basis stringing method:
- Total Length DC cabling : 975 meter 6mm²





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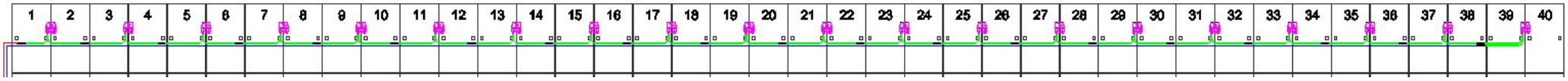
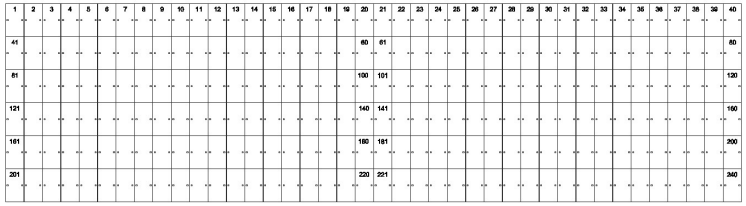
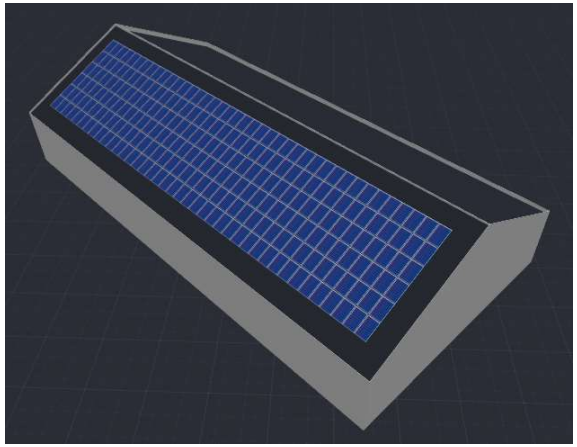
DC cabling SolarEdge inverter, basic principle

v3. 1 String with 20 optimizers total 40 modules, basic stringing method



- SolarEdge inverter basis Stringing method:
- Total Length DC cabling : 477 meter 6mm²
- 51% Less cabling





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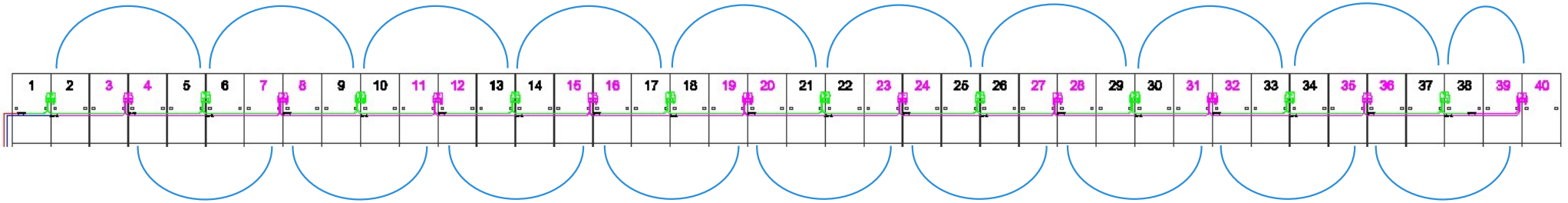
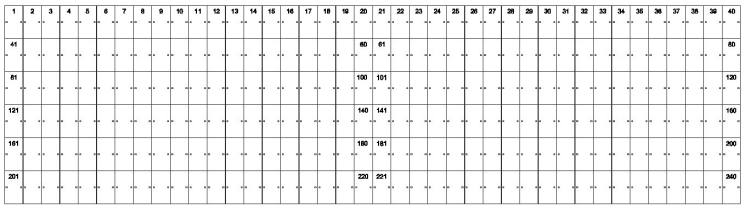
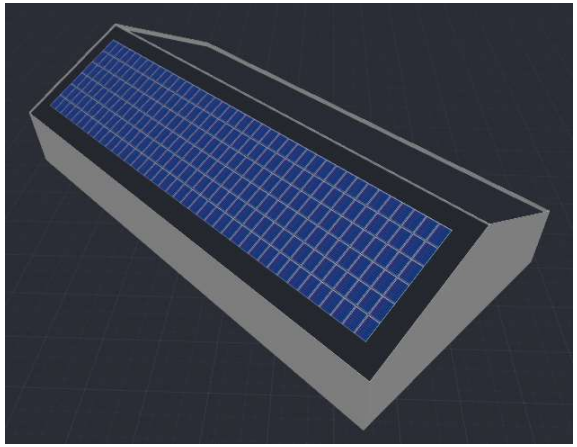
DC cabling SolarEdge inverter, Frog Leaping

v4. 1 String with 20 optimizers total 40 modules, Frog leaping



- SolarEdge inverter “Frog Leaping” method:
- Total Length DC cabling : 248 meter 6mm²
- 75% Less cabling





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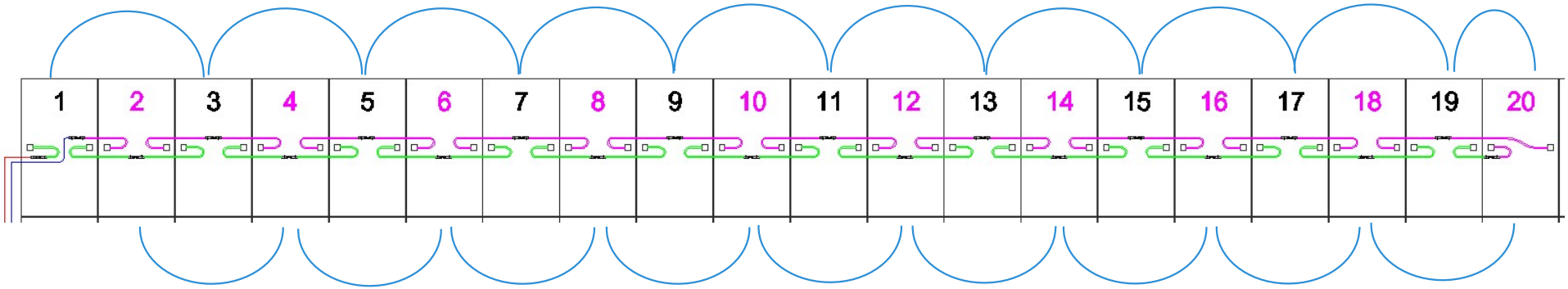
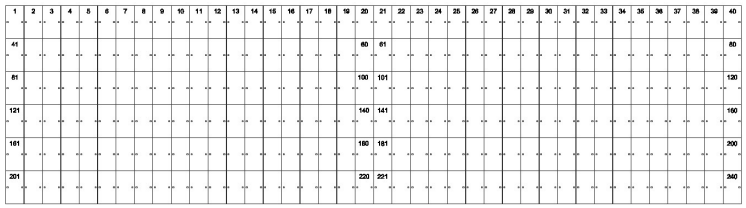
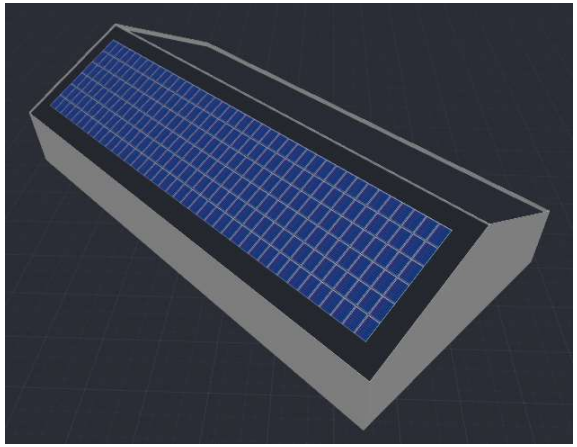
DC Cabling String inverter, Frog Leaping

v2. 1 String with 20 modules, "Frog leaping" method



- String omvormer "Frog Leaping" methode:
- Total Length DC cabling : 745 meter 6mm²
- 23% Less Cabling





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DC Cabling slope roof, string inverter vs Solaredge

- 240 modules, 120 cells, split junction box , 6 x 40 modules portrait lay-out

1.	String inverter total length DC cabling, basic string method :	975 meter 6mm^2	
2.	String inverter total length DC cabling, “Frog leaping” method:	745 meter 6mm^2	23% less
3.	Solaredge inverter total length DC cabling, basic string method:	477 meter 6mm^2	51% less
4.	Solaredge inverter total length DC cabling, “Frog leaping” method:	248 meter 6mm^2	75% less

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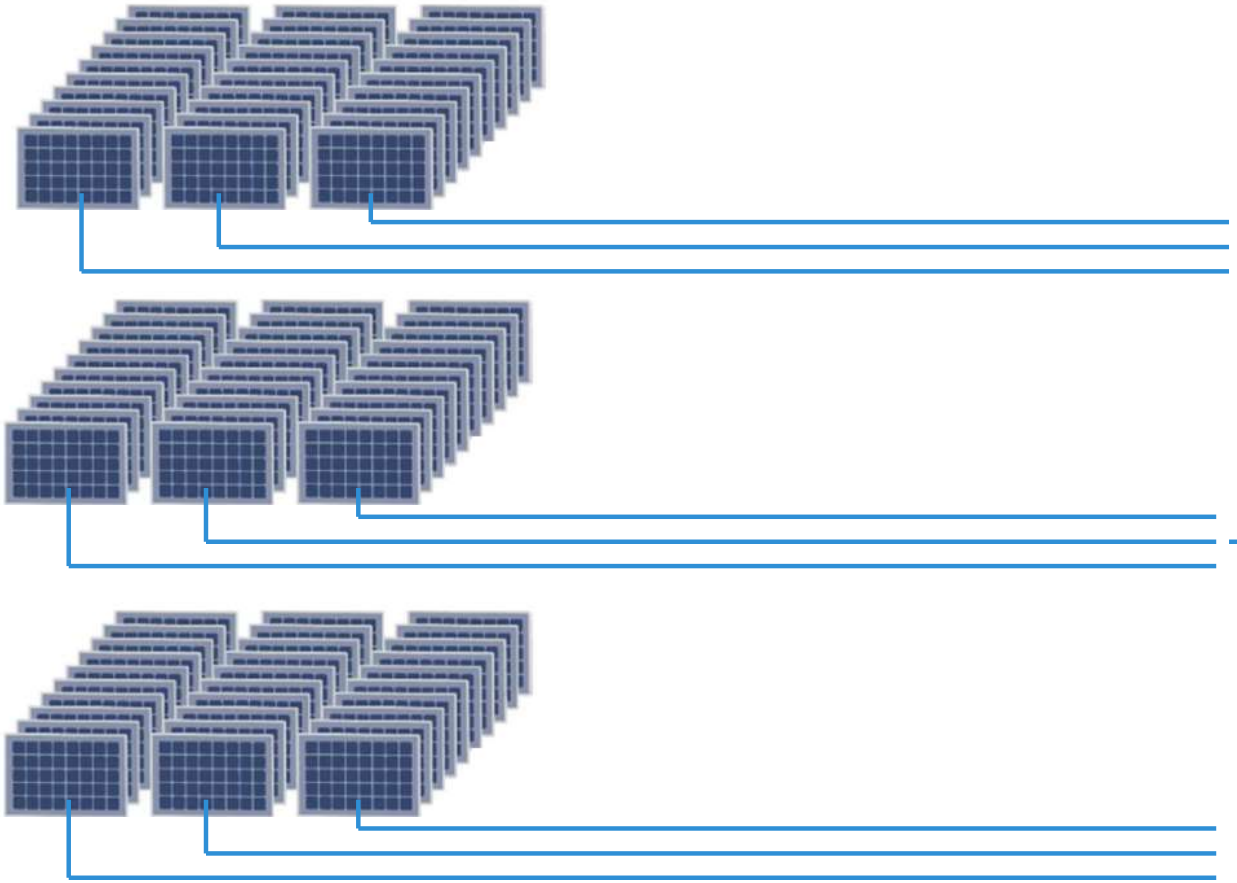
Synergy Inverter

Single DC

Standard Design method



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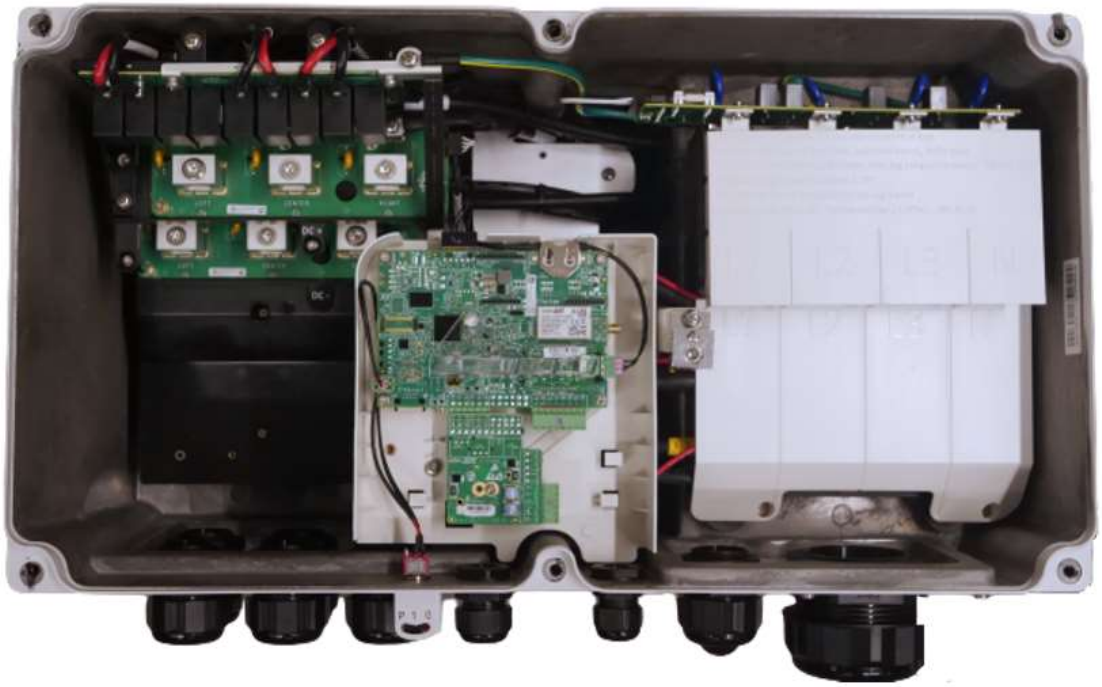
Internal View of Synergy Manager with Single DC



- Almost no need to bend the DC cables
- One option for PN with DC SPD built-in
  - AC SPD can be added
- Support synergy units with and without Rapid Shutdown

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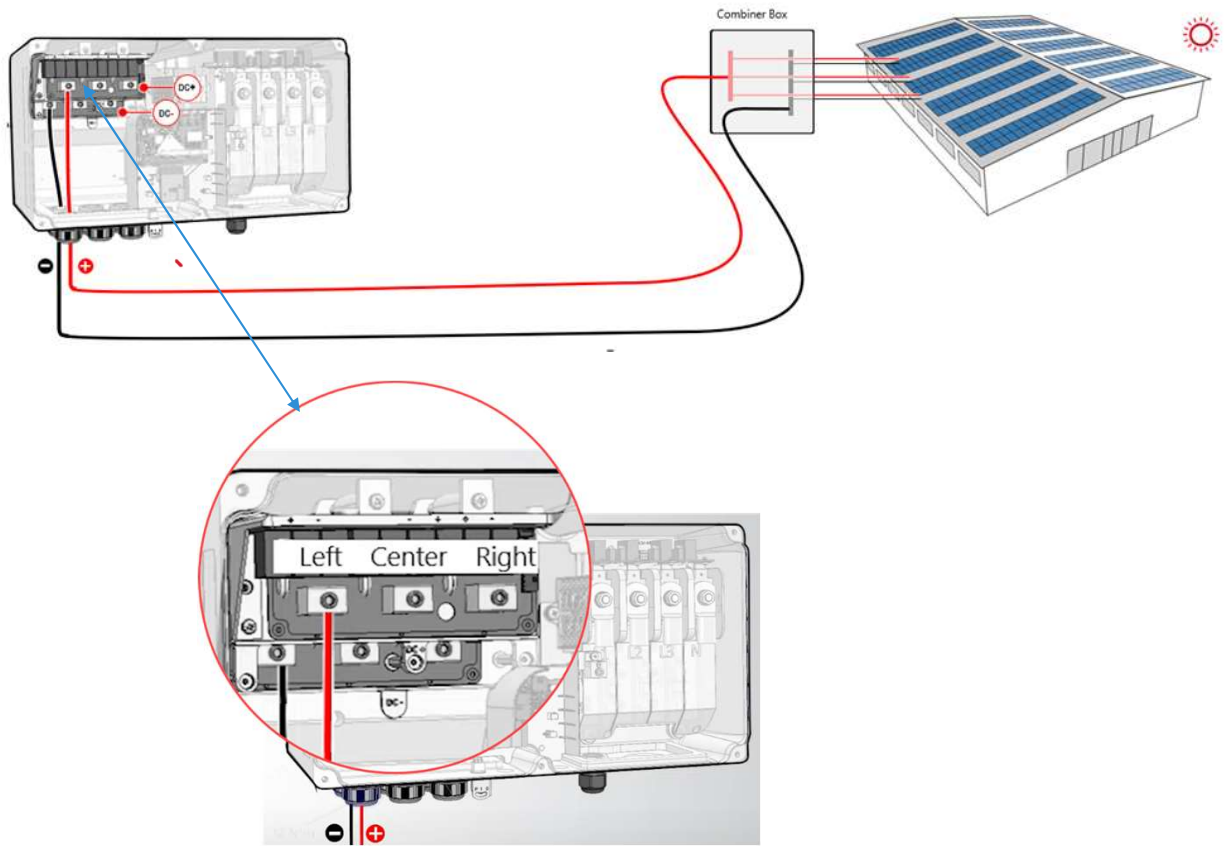
Single Input DC 25 - 70 qmm2 Cu / Alu

Synergy Manager Single Input

- With DC Combiner boxes
- Simple and easy installation
- Cost-saving from approximately 70 meters DC length.
- Suitable for 25 to 70 qmm2 Alu / Cu DC cabling
- SE66.6K to SE100K



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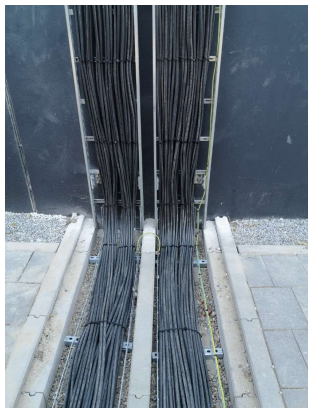
“New” Optimized design Single input offering



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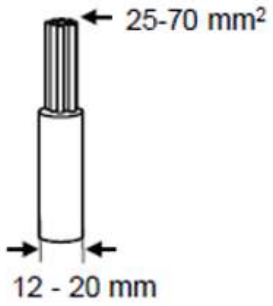
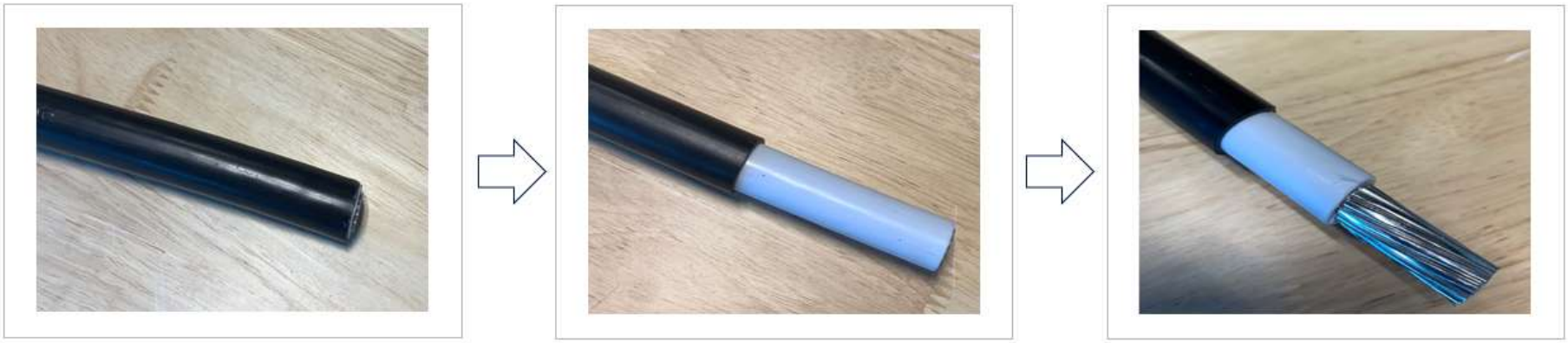
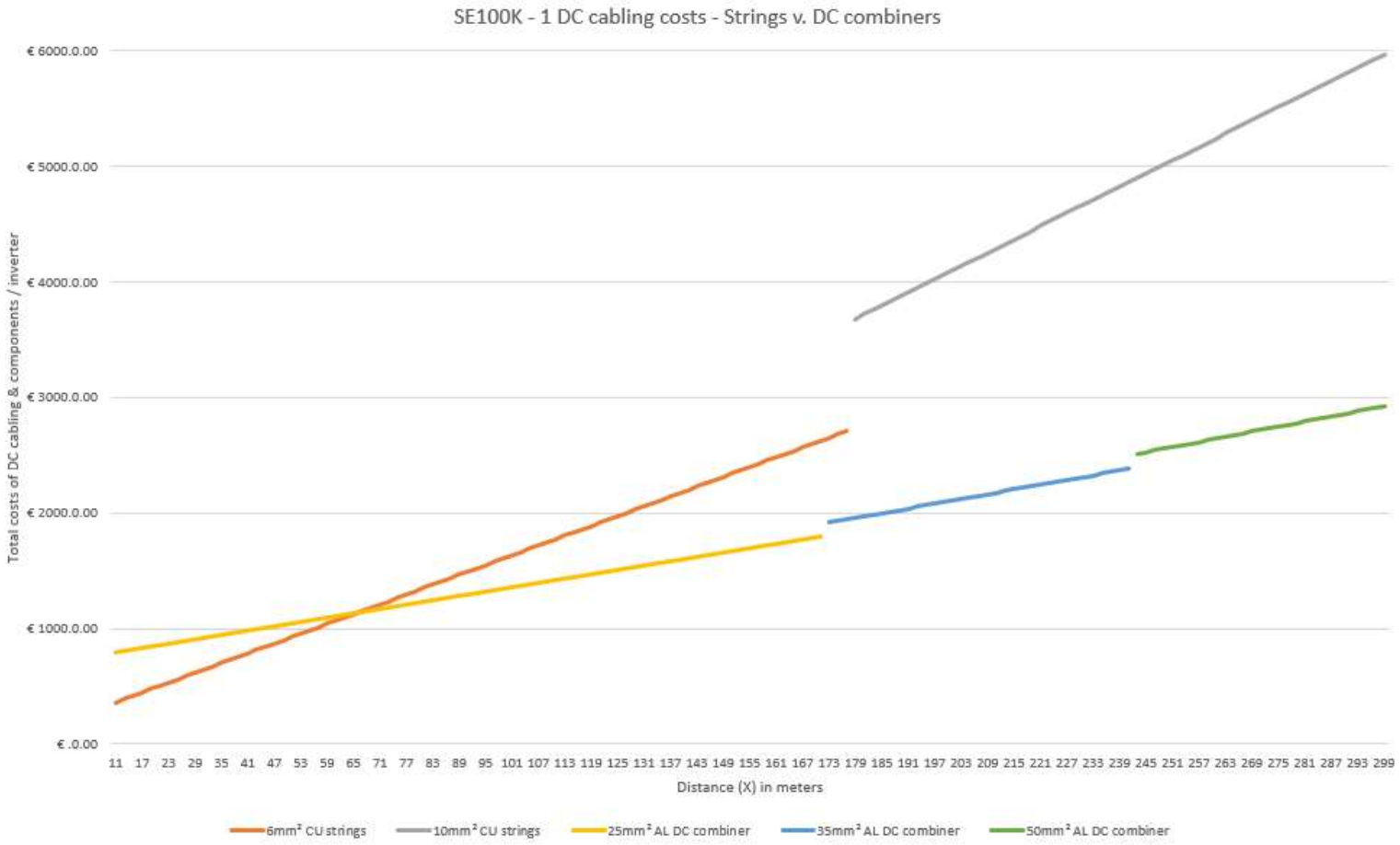
Supported Wires

- Aluminum and copper
- Cross section 25-70 mm2 **AND** 12-20 mm outer diameter





Example: Break Even point



Case Study

Comparisons

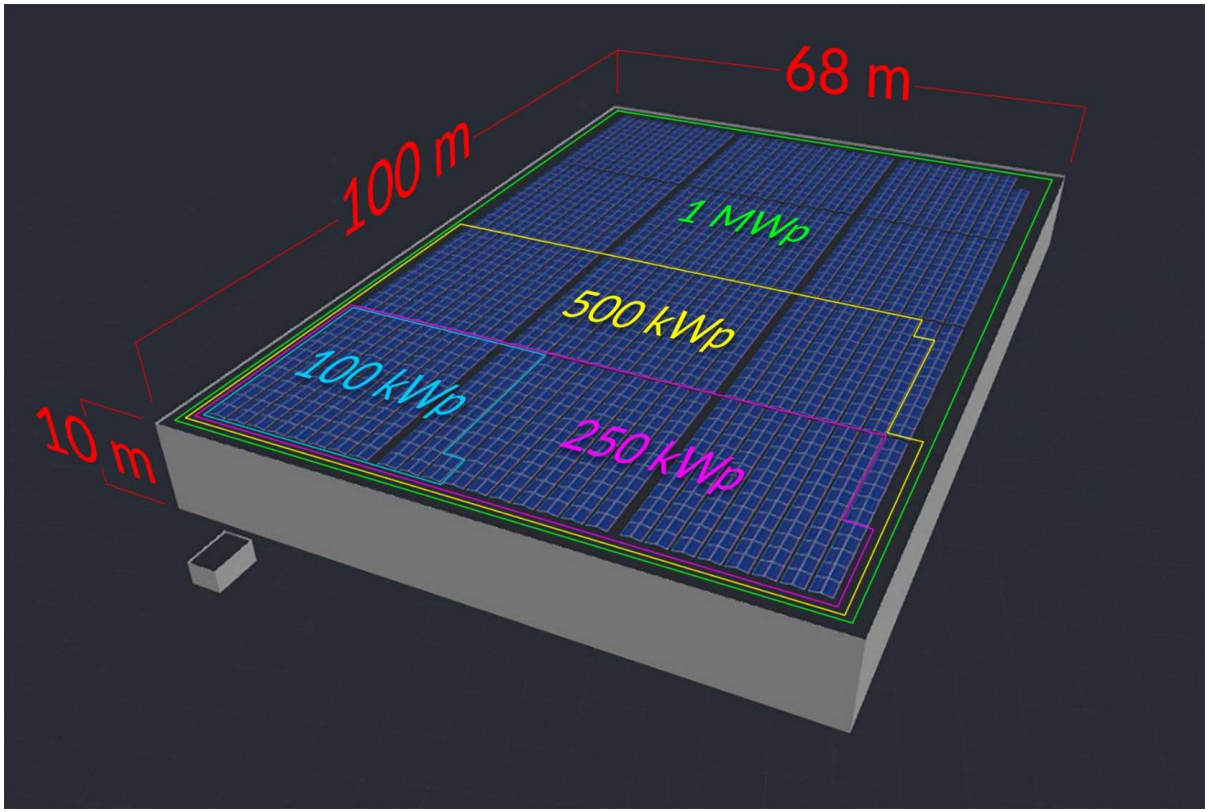
3.5MW Mercedes-Benz Istanbul, Turkey
Installed by Naturel

Opstelling

- 480 Wp PV modules JKM-480N-60HL4 Tiger Neo N-Type
- Oost-west opstelling, 90° / 270° Azimuth
- 10° hellingshoek
- Rijafstand 2,3m
- Veldgrootte tot 12 x 10 panelen

Omvormers

- Buitenopstelling aan gevel
- Nabij transformatorstation / hoofdverdeelkast



500 kWp PV system

System design

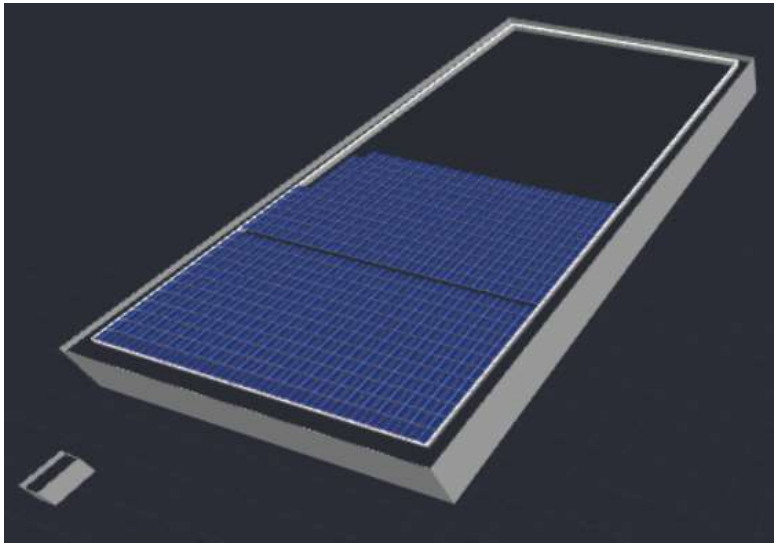
- 1.042 pcs PV Modules 480 Wp
- 500,16 kWp nominal DC Power
- DC/AC ratio 130%

1. String inverter

- 3 x String inverters 115 kW met AFCI, 10 MPPT, 20 inputs
- 20/21 modules per string
- 48 strings CU Cabling
- Average Cable Length (single run): 79,5m

2. SolarEdge

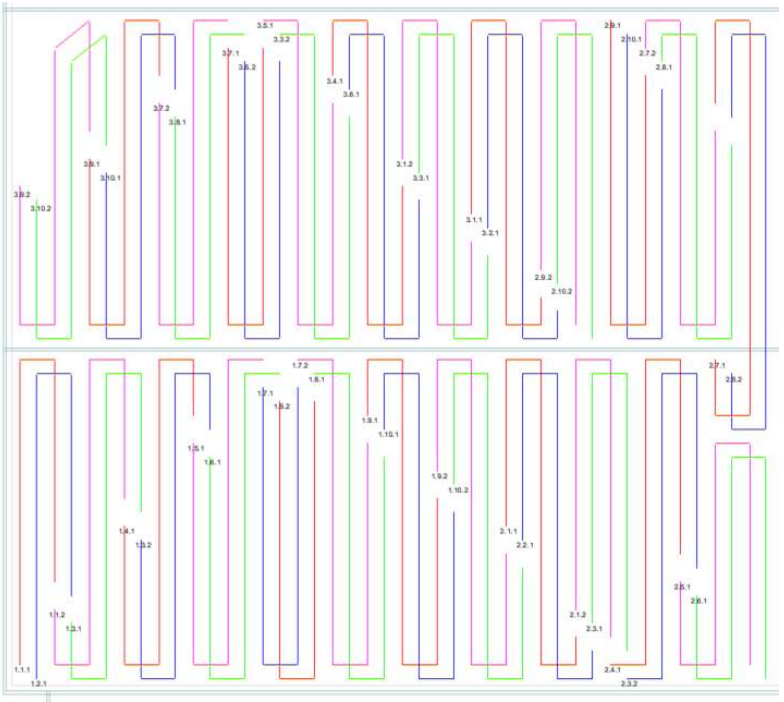
- 3 x SE100K inverter, MC-4
- 1 x SE33.3K inverter, MC-4
- 522 x S1000 power optimizers
- 32/36 modules per string
- 30 Strings CU cabling
- Average Cable Length (single run): 59,8m



500 kWp – bekabeling

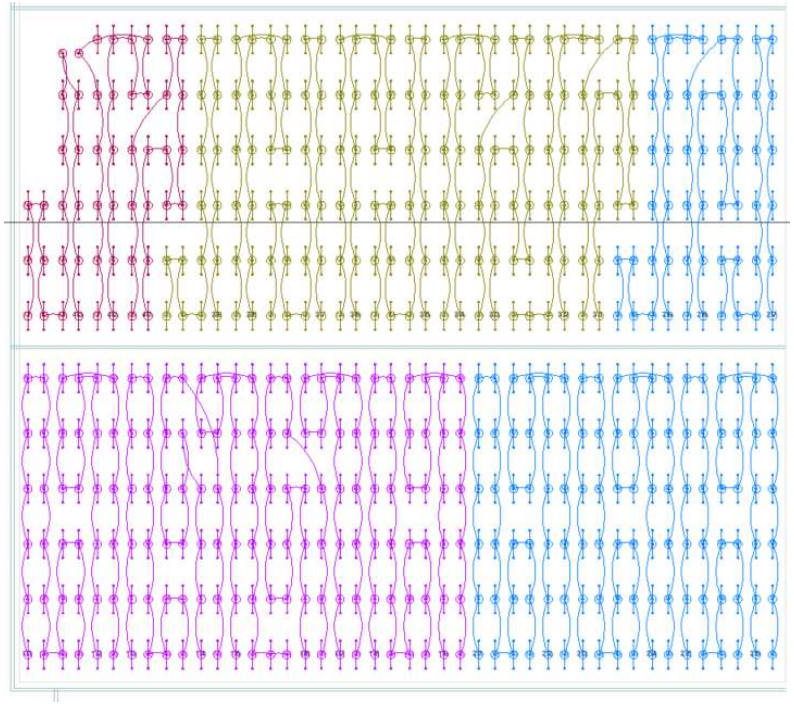
Stringomvormer

Strings



SolarEdge

Strings



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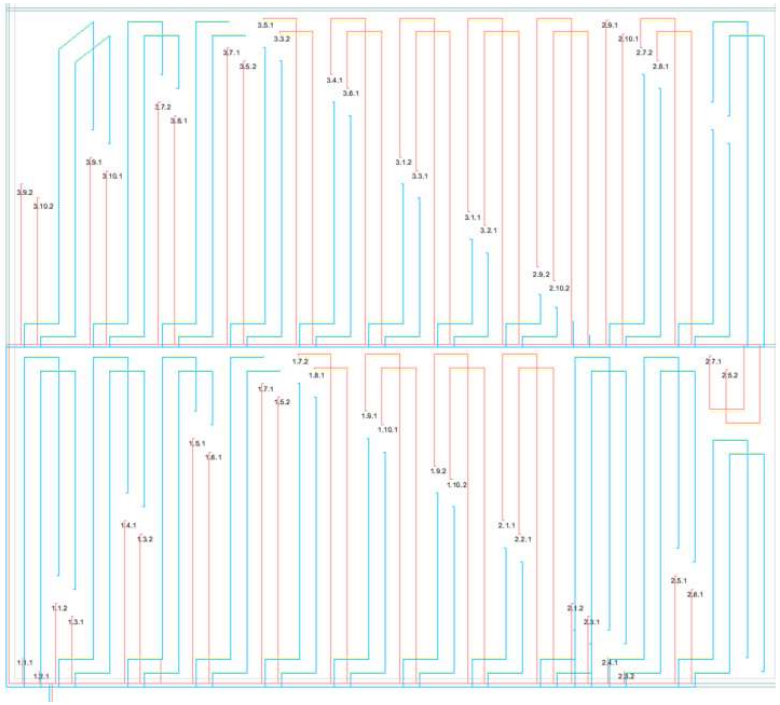
500 kWp – bekabeling

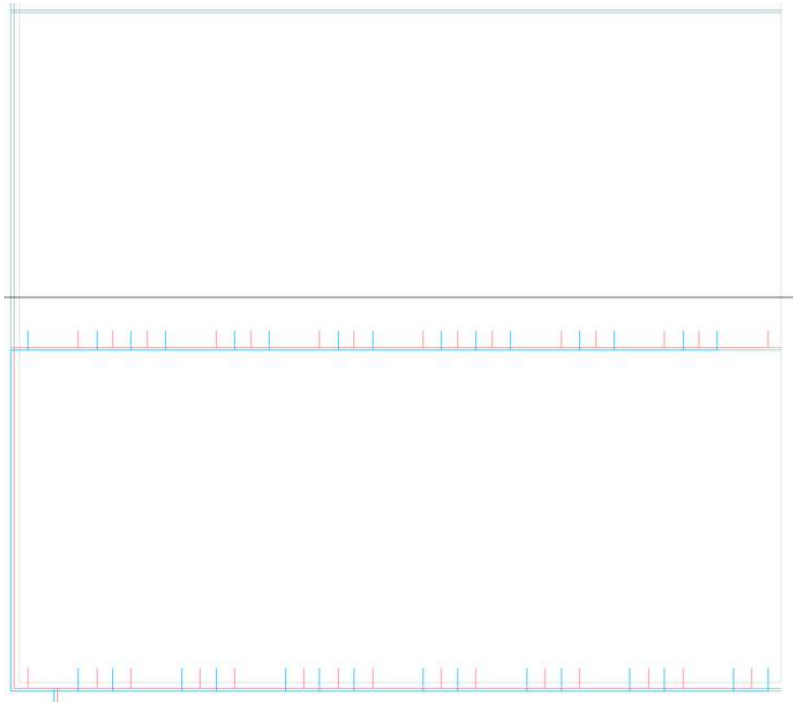
Stringomvormer

Veldbekabeling



SolarEdge

Veldbekabeling



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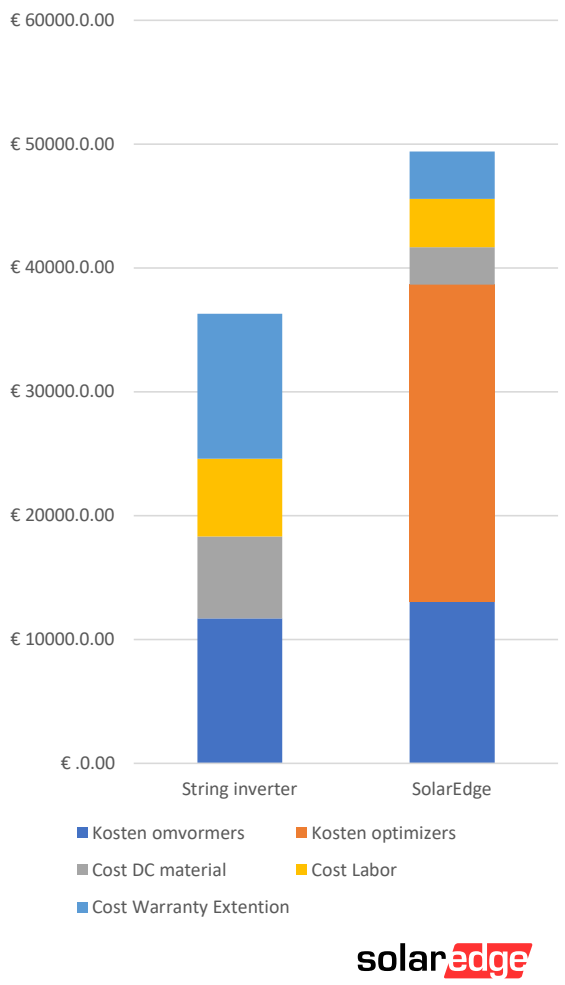
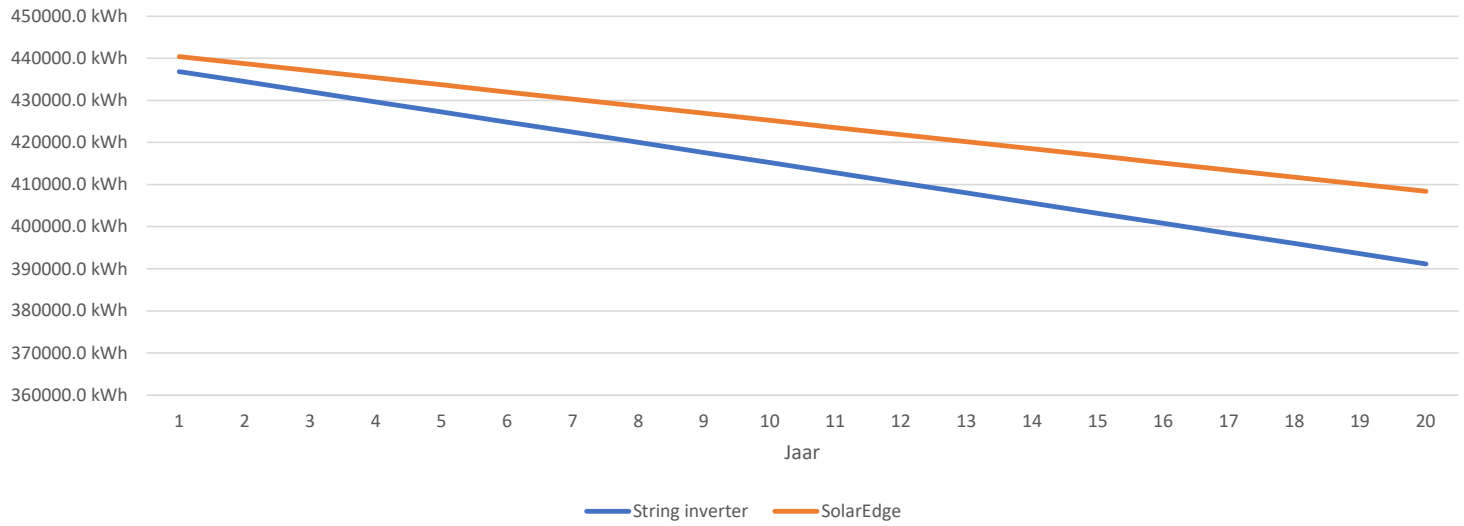
500 kWp – Comparison BoS cost

	String inverter			SolarEdge			Difference
	Number	*Price / unit*	*Total Price*	*Number*	*Price / unit*	*Total Price*	
String inverter 115 kW	3 st.	€ 3.900.00 / st.	€ 11.700.00				
SolarEdge SE100K				3 st.	€ 3.883.50 / st.	€ 11.650.50	
SolarEdge SE33,3K				1 st.	€ 1.394.10 / st.	€ 1.394.10	
S1000 Power optimizer				522 st.	€ 49.05 / st.	€ 25.604.10	
							initial difference
Cost Inverters & optimizers		***€ 11.700.00***			***€ 38.648.70***		***-€ 26.948.70***
							-€ 0.054 / Wp
6mm² CU Cable	7.842 m	€ 0.80 / m	€ 6.273.60	3.586 m	€ 0.80 / m	€ 2.868.80	
MC4 connectors (strings + connection Cable)	136 st.	€ 2.50 / st.	€ 340.00	60 st.	€ 2.50 / st.	€ 150.00	
Cost DC material		***€ 6.613.60***			***€ 3.018.80***		*€ 3.594.80*
							€ 0.007 / Wp
DC cabling labor (CU)	7.842 m	€ 0.80 / m	€ 6.273.60	3.586 m	€ 0.80 / m	€ 2.868.80	
Optimizers mounting & scanning				522 st.	€ 2.00 / st.	€ 1.044.00	
Cost Labor		***€ 6.273.60***			***€ 3.912.80***		*€ 2.360.80*
							€ 0.005 / Wp
							initial difference
							-€ 20.993.10
							-€ 0.042 / Wp
Warranty difference over 20 Year							
String inverter 115 kW from 5 naar 20 Year	3 st.	€ 3.900.00 / st.	€ 11.700.00				
SolarEdge SE100K from 12 to 20 Year				3 st.	€ 1.270.00 / st.	€ 3.810.00	
Cost Warranty Extention		***€ 11.700.00***			***€ 3.810.00***		*€ 7.890.00*
							€ 0.016 / Wp
							Final difference
							-€ 13.103.10
							-€ 0.026 / Wp



500 kWp – Comparison Energy Production

	String inverter			SolarEdge			Difference
	Number	*Price / unit*	*Total Price*	*Number*	*Price / unit*	*Total Price*	
Energy production year 1 (PVsyst)	436.847 kWh			440.415 kWh			
Energy production year 20 (PVsyst)	391.160 kWh			408.370 kWh			
Total production 20 year (PVsyst)	8.280.070 kWh	€ 0.15 / kWh	€ 1.242.010.50	8.487.850 kWh	€ 0.15 / kWh	€ 1.273.177.50	
total revenue		***€ 1.242.010.50***			***€ 1.273.177.50***		*€ 31.167.00*
							€ 0.062 / Wp



1 MWp

System design

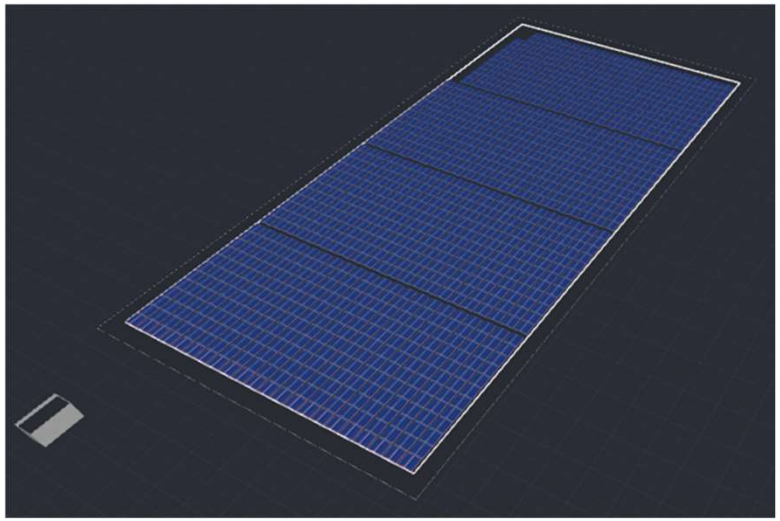
- 2.084 pcs Modules 480 Wp
- 1000,32 kWp nominal DC power
- DC/AC ratio ~ 125%

1. String inverter

- 6 x String inverter 115 kW met AFCI, 10 MPPT, 20 inputs
- 20/21 modules per string
- **96** strings CU cabling
- Average Cable Length (single run): **103,3m**

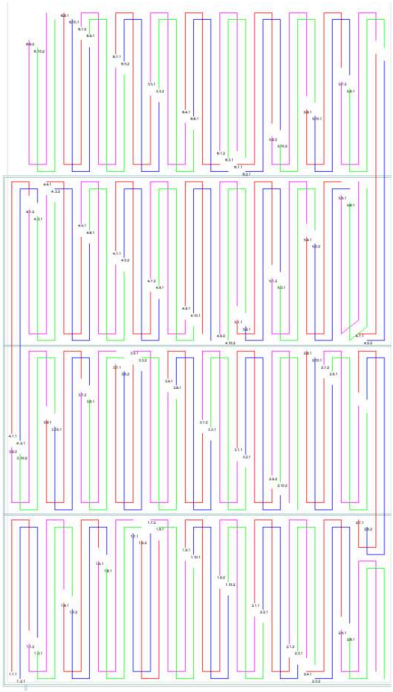
2. SolarEdge

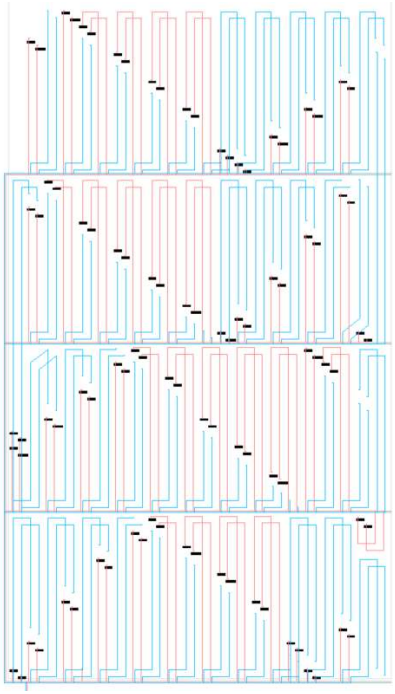
- 7 x SE100K omvormer, MC-4
- 1.042 x S1000 power optimizers
- 32/36 modules per string
- **63** Strings CU cabling
- Average Cable Length (single run): **110,7m**



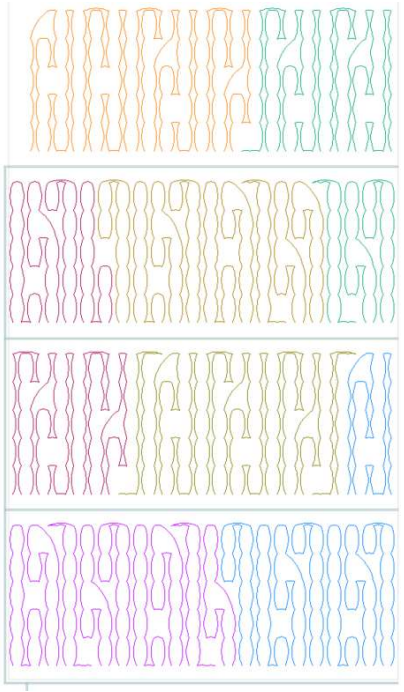
1 MWp – Cabling standard string design

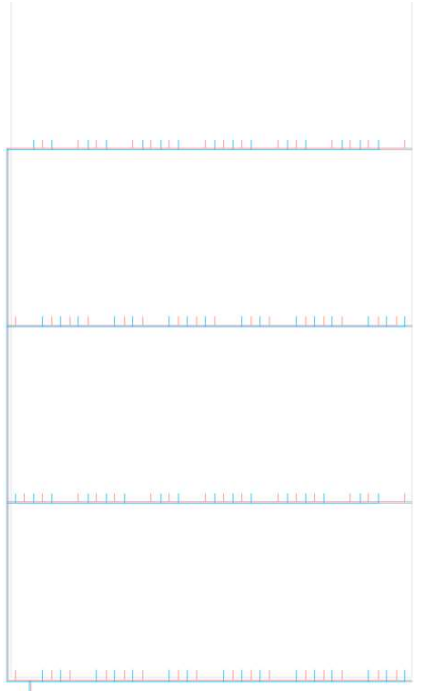
Stringomvormer	
Strings	Veldbekabeling





SolarEdge	
Strings	Veldbekabeling





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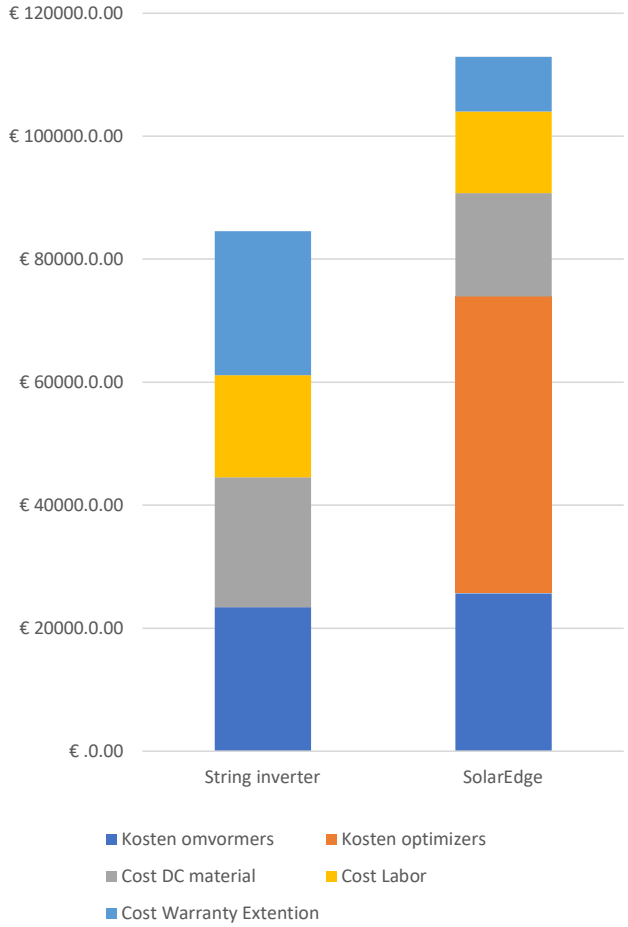
1 MWp – Comparison BoS cost multiple Strings

	String inverter			SolarEdge			Difference
	Aantal	*Prijs / eenheid*	*Totaalprijs*	*Aantal*	*Prijs / eenheid*	*Totaalprijs*	
Stringomvormer 115 kW	6 st.	€ 3.900.00 / st.	€ 23.400.00				
SolarEdge SE100K				7 st.	€ 3.667.75 / st.	€ 25.674.25	
S1000 Power optimizer				1042 st.	€ 46.33 / st.	€ 48.270.65	
							initial difference
Cost Inverters & optimizers		***€ 23.400.00***			***€ 73.944.90***		*-€ 50.544.90*
							-€ 0.051 / Wp
6mm² CU kabel	12.593 m	€ 0.80 / m	€ 10.074.40	2.824 m	€ 0.80 / m	€ 2.259.20	
10mm² CU kabel	8.121 m	€ 1.28 / m	€ 10.394.88	11.118 m	€ 1.28 / m	€ 14.231.04	
MC4 connectors (strings + connection Cable)	272 st.	€ 2.50 / st.	€ 680.00	126 st.	€ 2.50 / st.	€ 315.00	
Cost DC material		***€ 21.149.28***			***€ 16.805.24***		*€ 4.344.04*
							€ 0.004 / Wp
DC Cabling Labor (CU)	20.714 m	€ 0.80 / m	€ 16.571.20	13.942 m	€ 0.80 / m	€ 11.153.60	
Optimizers monteren & scanning				1042 st.	€ 2.00 / st.	€ 2.084.00	
Cost Labor		***€ 16.571.20***			***€ 13.237.60***		*€ 3.333.60*
							€ 0.003 / Wp
							initial difference
							-€ 42.867.26
							-€ 0.043 / Wp
Warranty difference over 20 Year							
String inverter 115 kW from 5 naar 20 Year	6 st.	€ 3.900.00 / st.	€ 23.400.00				
SolarEdge SE100K from 12 to 20 Year				7 st.	€ 1.270.00 / st.	€ 8.890.00	
Cost Warranty Extention		***€ 23.400.00***			***€ 8.890.00***		*€ 14.510.00*
							€ 0.015 / Wp
							Final difference
							-€ 28.357.26
							-€ 0.028 / Wp



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1 MWp installatie gecombineerde

System design

- 2.084 pcs PV modules 480 Wp
- 1000,32 kWp nominal DC power
- DC/AC ratio ~ 125%

1. String inverter

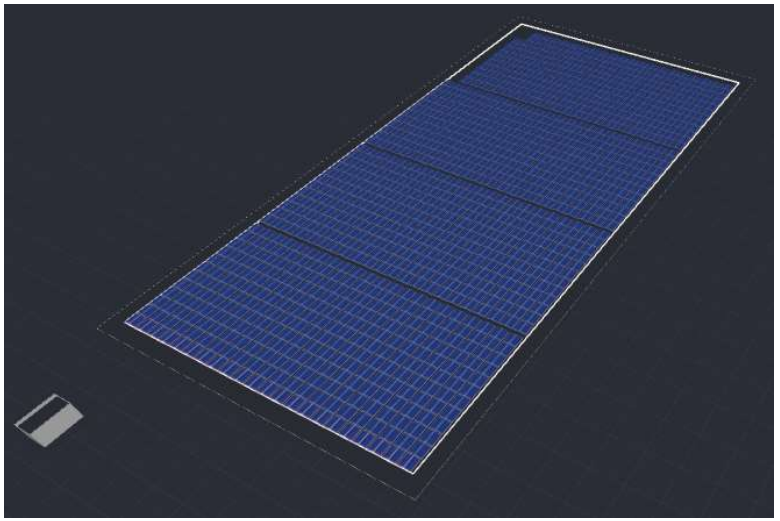
- 6 x String inverter 115 kW met AFCI, 10 MPPT, 20 inputs
- 20/21 modules per string
- **96** strings CU cabling
- Average Cable Length (single run): **103,3m**

2. SolarEdge

- 7 x SE100K inverter, MC-4
- 1.042 x S1000 power optimizers
- 32/36 modules per string
- Using DC combiners & AL Cabling

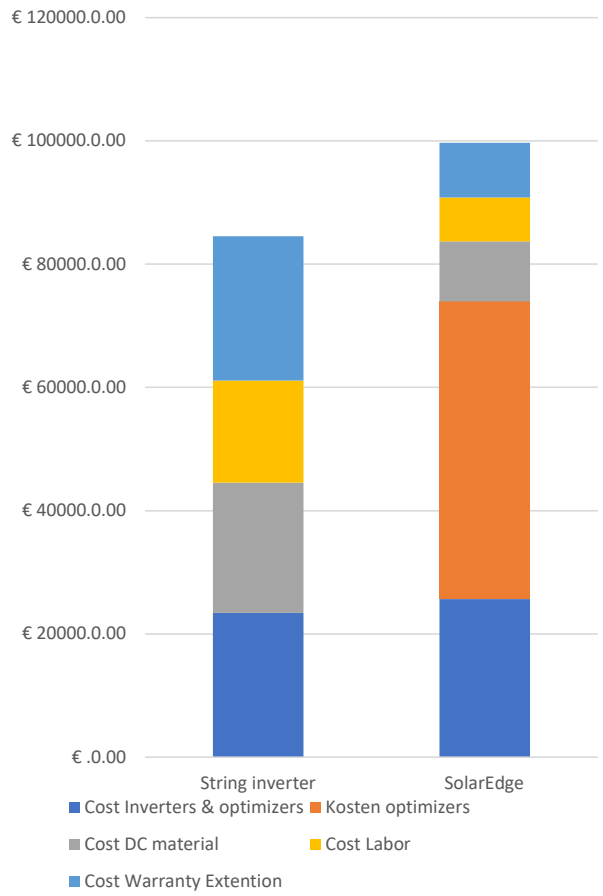
- **63** Strings Cu > Combiner
- Average Cable Length Cu (single run): 4,5m

- 21 x DC combiners
- **21** x Strings AL cabling
- Average Cable Length AL (single run): **96,9m**



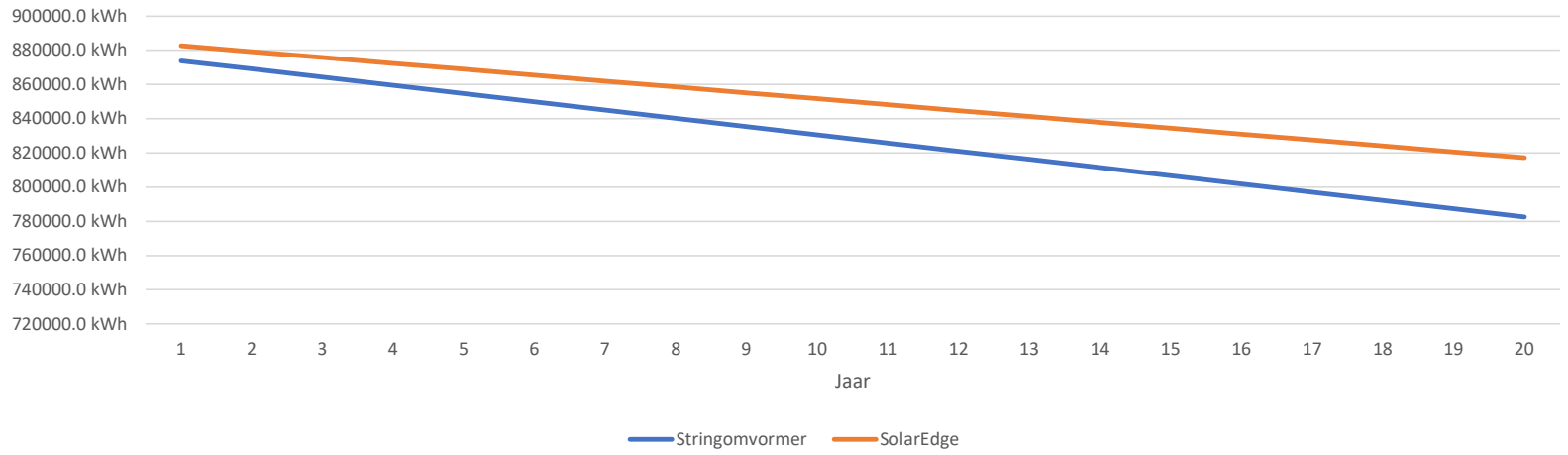
1 MWp – Comparison with Combiners / 1 DC

	String inverter			SolarEdge			Difference
	Aantal	*Prijs / eenheid*	*Totaalprijs*	*Aantal*	*Prijs / eenheid*	*Totaalprijs*	
String inverter 115 kW	6 st.	13.900.00 / st.	123.400.00				
SolarEdge SE100K Single DC				7 st.	13.667.75 / st.	125.674.25	
S1000 Power optimizer				1042 st.	146.33 / st.	148.270.65	
							initial difference
Cost Inverters & optimizers		***€ 23.400.00***			***€ 73.944.90***		*-€ 50.544.90*
							-€ 0.051 / Wp
6mm² CU Cable	12.593 m	10.80 / m	110.074.40	352 m	10.80 / m	1281.60	
10mm² CU Cable	8.121 m	11.28 / m	110.394.88				
25mm² AL Cable				364 m	11.20 / m	1436.80	
35mm² AL Cable				1.310 m	11.29 / m	11.689.90	
50mm² AL Cable				2.318 m	11.45 / m	13.361.10	
DC combiner				21 st.	1175.00 / st.	13.675.00	
MC4 connectors (strings + connection Cable)	272 st.	12.50 / st.	1680.00	126 st.	12.50 / st.	1315.00	
Cost DC material		***€ 21.149.28***			***€ 9.759.40***		*€ 11.389.88*
							€ 0.011 / Wp
DC Cabling Labor (CU)	20.714 m	10.80 / m	116.571.20	352 m	10.80 / m	1281.60	
DC Cabling Labor (AL)				3.992 m	11.00 / m	13.992.00	
DC combiner Labor				21 st.	135.00 / st.	1735.00	
Optimizers mounting & scannen				1042 st.	12.00 / st.	12.084.00	
Cost Labor		***€ 16.571.20***			***€ 7.092.60***		*€ 9.478.60*
							€ 0.009 / Wp
							initial difference
							-€ 29.676.42
							-€ 0.030 / Wp
Warranty difference over 20 Year							
String inverter 115 kW from 5 naar 20 Year	6 st.	13.900.00 / st.	123.400.00				
SolarEdge SE100K from 12 to 20 Year				7 st.	11.270.00 / st.	18.890.00	
Cost Warranty Extention		***€ 23.400.00***			***€ 8.890.00***		*€ 14.510.00*
							€ 0.015 / Wp
							Final difference
							-€ 15.166.42
							-€ 0.015 / Wp



1 MWp – Comparison Energy Production

	String inverter			SolarEdge			Difference
	Number	*Price / unit*	*Total Price*	*Number*	*Price / unit*	*Total Price*	
Energy production year 1 (PVsyst)	873.912 kWh			882.654 kWh			
Energy production year 20 (PVsyst)	782.553 kWh			817.191 kWh			
Total production 20 year (PVsyst)	16.564.650 kWh	€ 0.15 / kWh	€ 2.484.697.50	16.998.450 kWh	€ 0.15 / kWh	€ 2.549.767.50	
total revenue		***€ 2.484.697.50***			***€ 2.549.767.50***		*€ 65.070.00*
							€ 0.065 / Wp



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CSS-OD design & structure

CSS-OD: Features

- AC couples to new and existing SolarEdge systems.
- Battery Cabinet 102.4 kWh
- Battery Inverter 50 kW
- Built-in HVAC
- Weight and size: ≈1.5T, 110 x 142.5 x 238cm
- 102.4kWh up to 2,048kWh

Supports the following use cases

- Maximized Self-Consumption
- Peak Shaving
- Tariff Optimization for Dynamic Pricing
- Market Participation

Energy Optimization Solutions

SolarEdge ONE Controller for C&I (New)

Enables effective site communication and performance

A local communication gateway that seamlessly integrates the site's energy infrastructure including PV inverters, batteries, meters, and more.

- Combines with SolarEdge ONE for C&I to optimize the use of locally generated energy for lower electricity costs
- Acts as a cyber gateway for external communications, designed to protect against unauthorized access
- Complies with grid regulations to enable safe, reliable electricity generation (PPC)
- Supports integration with third-party digital sensors and energy meters

Additional Resources

SolarEdge ONE
for C&I webpage

SolarEdge ONE for C&I

The future of commercial energy optimization

November 2024

SolarEdge ONE for C&I

A cloud-based energy optimization platform,
designed specifically for C&I energy professionals

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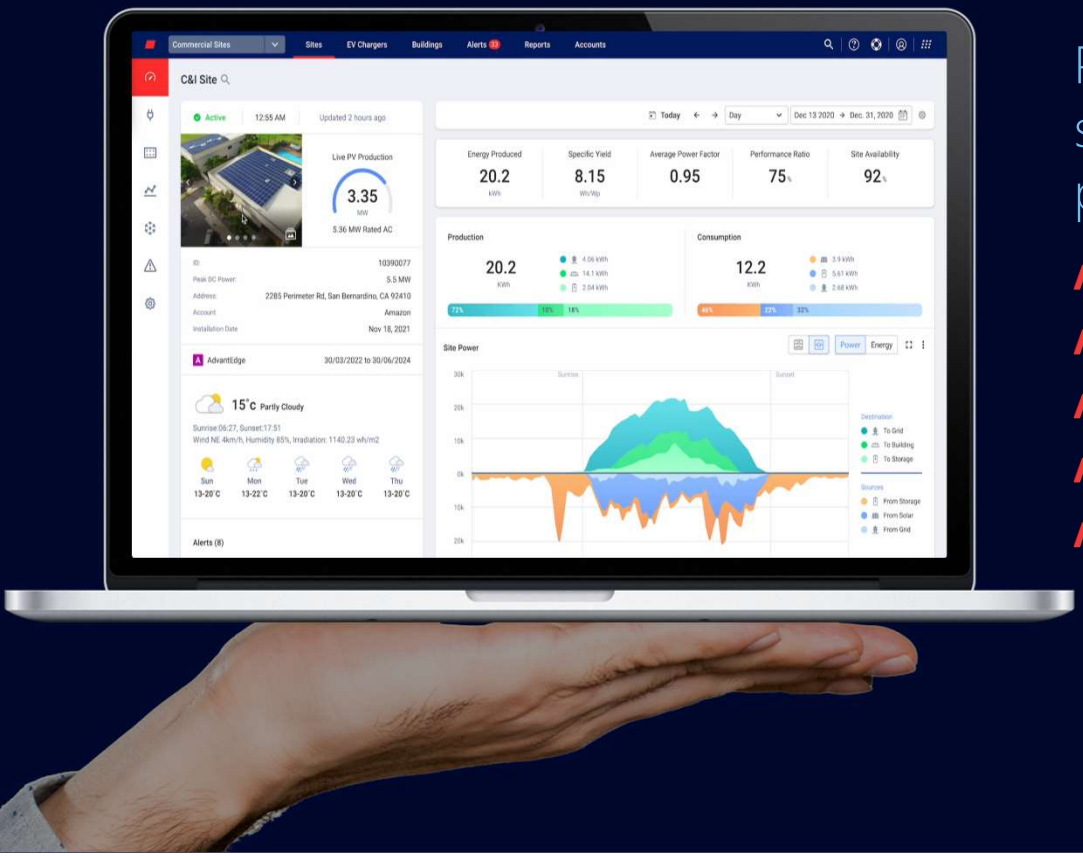
SolarEdge ONE for C&I



Places an unprecedented amount of system data at your fingertips, for efficient performance analysis and monitoring:

- PV Fleet Management
- Site Overview
- Module-Level Monitoring
- Digital Twin
- Remote Device Configuration
- Site Analysis Tools
- Energy Board
- Battery Management
- Alerts and reports
- And more

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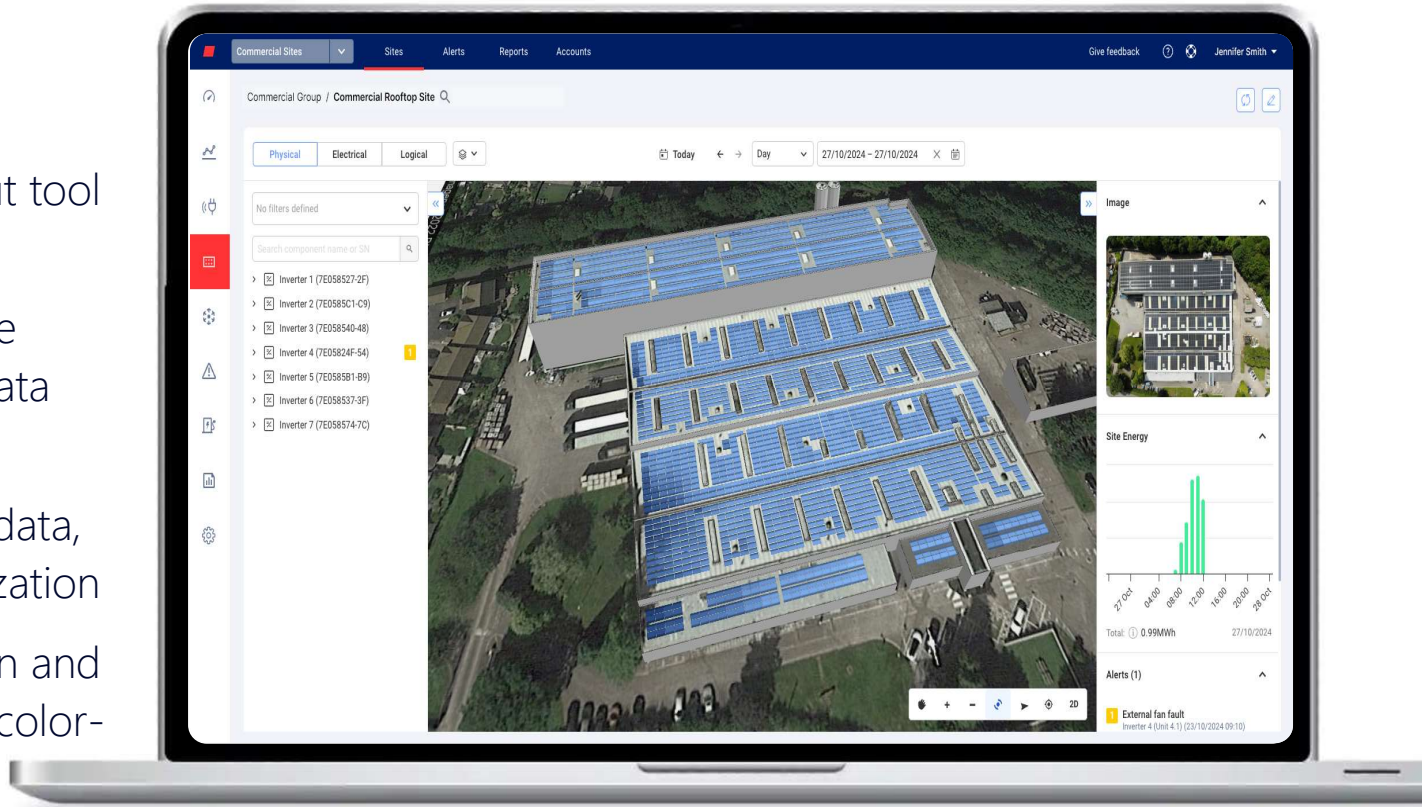
Digital Twin
Physical layout

- A powerful, new 3D site layout tool
- Merges the site's virtual representation from SolarEdge Designer with real-time site data
- View module-level alerts, temperature and production data, enabled by module-data utilization
- Perform remote site inspection and spot anomalies instantly with color-coded layers



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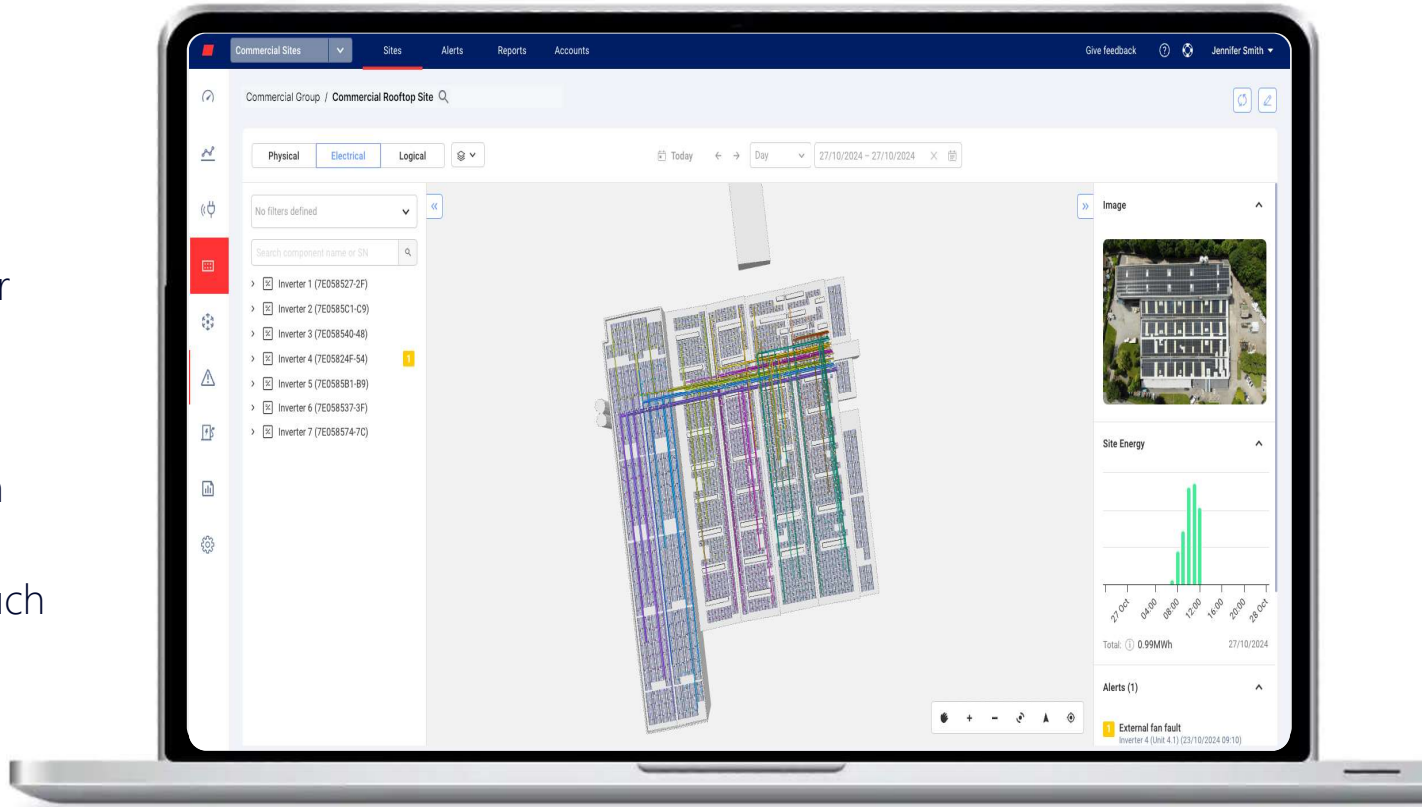
Digital Twin
Electrical layout

- Detailed site view showing all electrical AC/DC cable connections per system inverter and string as well as other component connections e.g. batteries
- Provides a visual representation of the site hierarchy
- Supports remote commands such as pairing and restart
- Integrates with Layout Editor, ensuring the most updated site configurations are reflected



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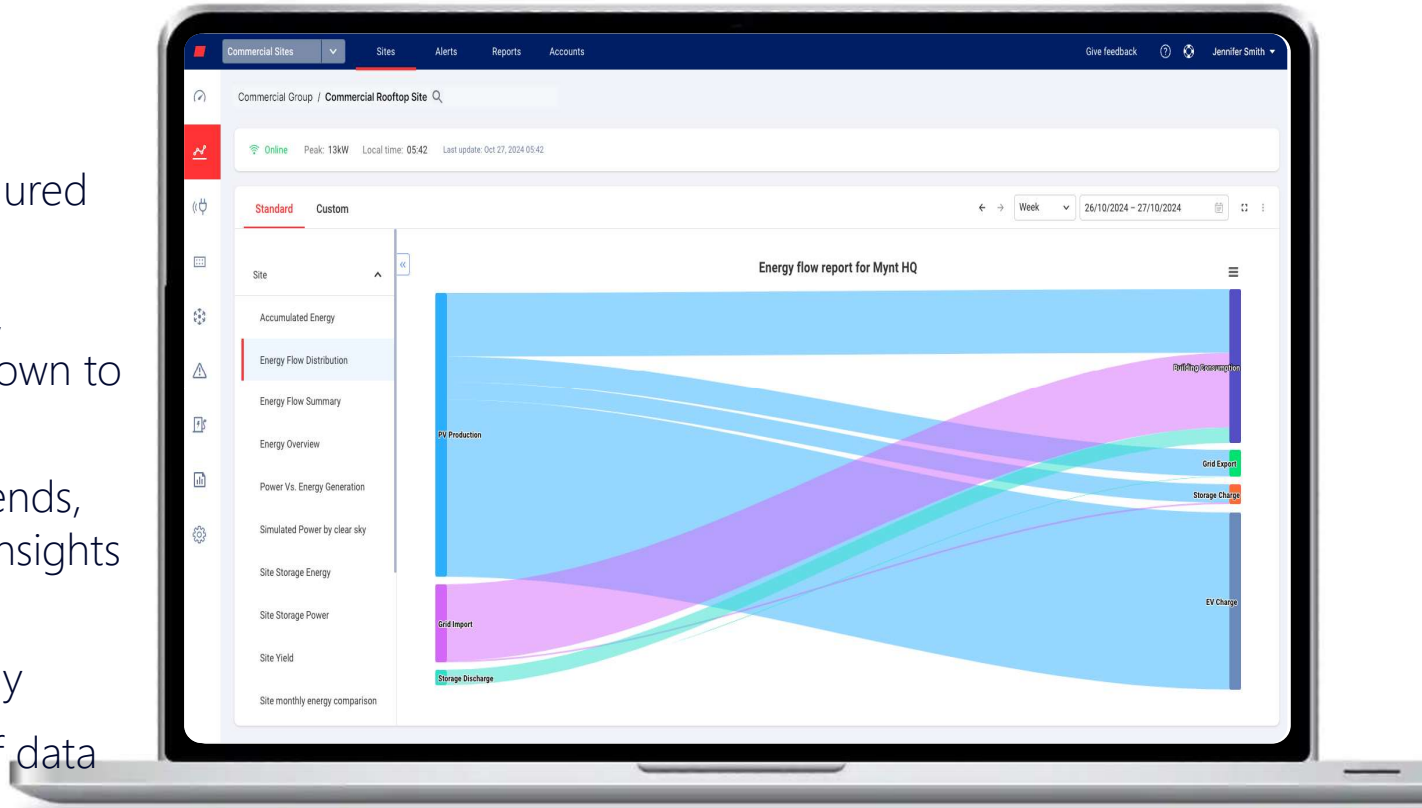
Site Analysis Tools

- An extensive set of pre-configured charts
- Utilize the available telemetry, ranging from the entire site down to specific modules
- Generate charts to identify trends, recognize patterns and gain insights for troubleshooting
- Analyze site power and energy
- Choose your preferred way of data visualization and export data, going back up to a year



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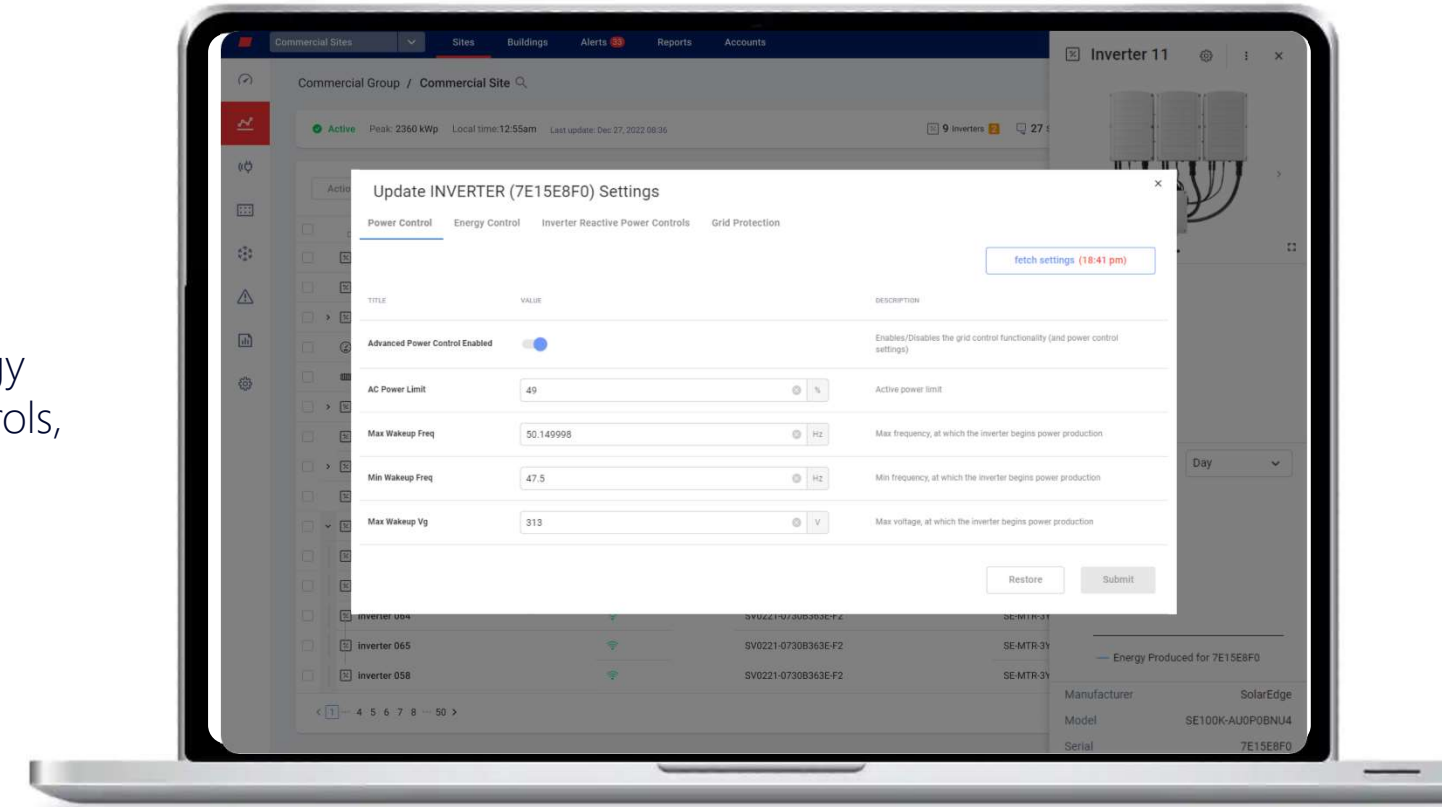
Remote Device Operation

- View device info and status
- Perform remote setup and configuration, such as: energy control, reactive power controls, and grid protection
- Update settings for multiple devices at once
- Permission-based access



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Energy Board

- Real-time power flow
- Energy distribution over time from source to destination
- Site KPIs, including: self-consumption, self-sufficiency, import and export rates, electricity bills and system savings

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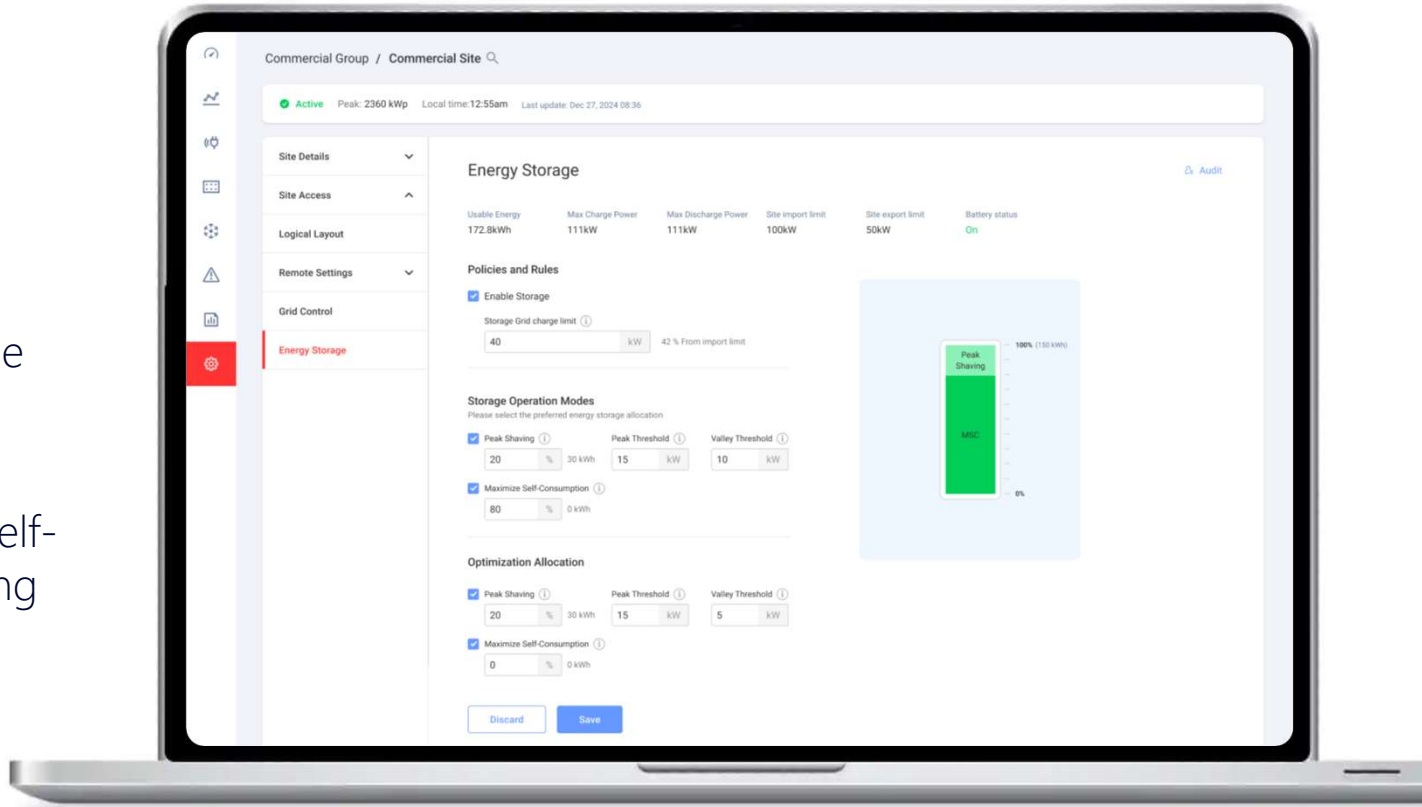
Battery Management

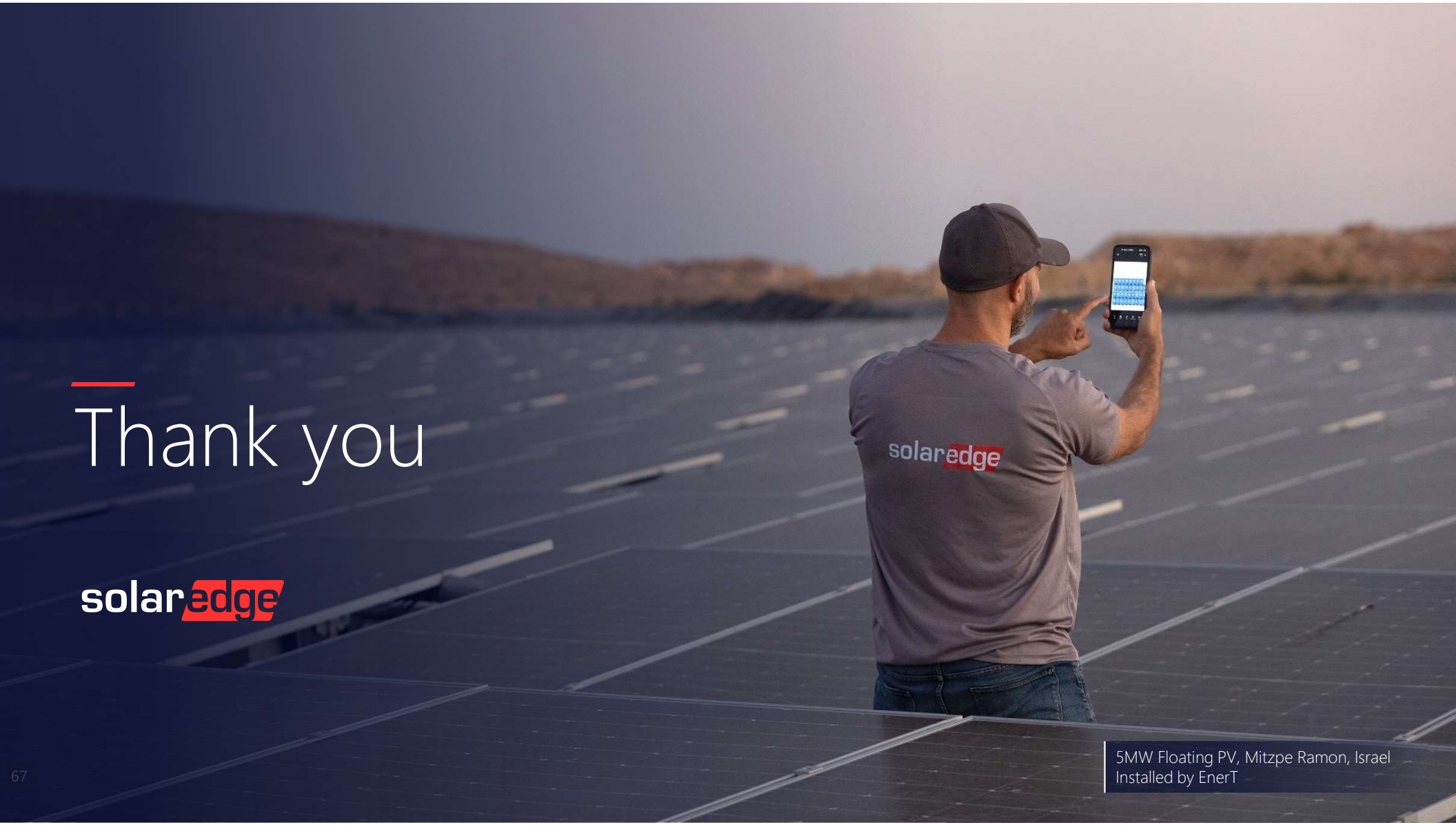
- Monitor battery performance and health
- Optimize storage performance to meet site KPIs
- Manage battery optimization modes, including Maximum Self-Consumption and peak shaving



Note: Supports SolarEdge Commercial Storage System CSS-OD, available in selected countries

solaredge

Thank you



5MW Floating PV, Mitzpe Ramon, Israel
Installed by EnerT