EXHIBIT F:

Equipment Specifications

Nutmeg Solar Project

Enfield, Connecticut

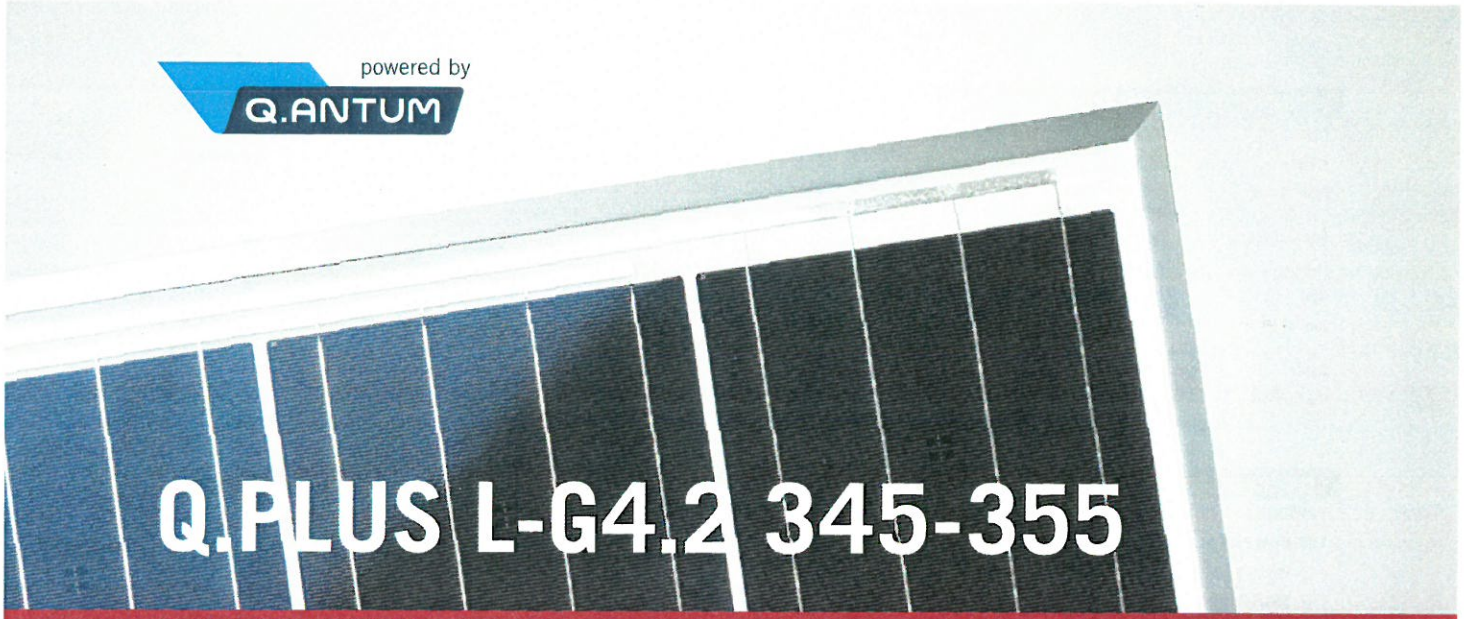
Exhibit F
Equipment Specifications

The items listed below are included in Exhibit F.

1. Q.ANTUM Q.PLUS L-G4.2 solar module specifications.
2. RBI Solar GM-NextGen solar racking specifications.
3. TMEIC Inverter specifications.
4. ABB Solar-ready Distribution Transformers specifications.
5. Solidlock Fixed Knot Fencing specifications.

Q.ANTUM Q.PLUS L-G4.2 SOLAR MODULE SPECIFICATIONS

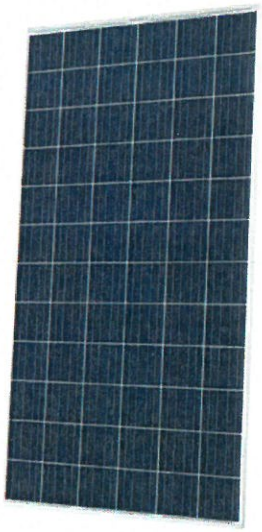
powered by Q.ANTUM



Q.PLUS L-G4.2 345-355

Q.ANTUM SOLAR MODULE

The Q.ANTUM solar module Q.PLUS L-G4.2 is the strongest module of its type on the market globally. Powered by 72 Q CELLS solar cells Q.PLUS L-G4.2 was specially designed for large solar power plants to reduce BOS costs. Only Q CELLS offers German engineering quality with our unique triple Yield Security.



Q.ANTUM TECHNOLOGY: LOW LEVELIZED COST OF ELECTRICITY
Higher yield per surface area and lower BOS costs and higher power classes.

INNOVATIVE ALL-WEATHER TECHNOLOGY
Optimal yields, whatever the weather with excellent low-light and temperature behaviour.

ENDURING HIGH PERFORMANCE
Long-term yield security with Anti PID Technology[1], Hot-Spot Protect and Traceable Quality Tra.Q™.

EXTREME WEATHER RATING
High-tech aluminium alloy frame, certified for high snow (5400 Pa) and wind loads (2400 Pa).

A RELIABLE INVESTMENT
Inclusive 12-year product warranty and 25-year linear performance warranty[2].

EUPD RESEARCH
TOP BRAND PV
MODULES
EUROPE
2017

Q CELLS
YIELD SECURITY
ANTI PID TECHNOLOGY (APT)
HOT-SPOT PROTECT (HSP)
TRACEABLE QUALITY (TRA.Q™)

Photon
Q CELLS
Best polycrystalline solar module 2014
Q.PRO-G2 235
174 modules tested

[1] APT test conditions according to IEC/TS 62804-1:2015, method B (-1500V, 168h)
[2] See data sheet on rear for further information.

THE IDEAL SOLUTION FOR:

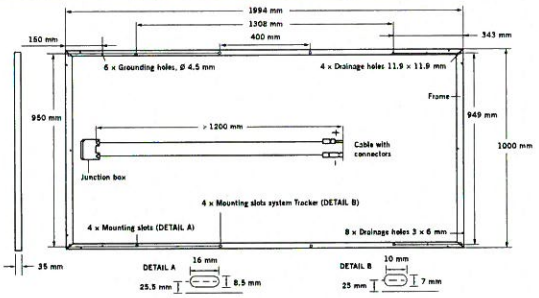
Ground-mounted solar power plants

Engineered in **Germany**

Q CELLS

MECHANICAL SPECIFICATION

Format	1994 mm × 1000 mm × 35 mm (including frame)
Weight	24 kg
Front Cover	3.2 mm thermally pre-stressed glass with anti-reflection technology
Back Cover	Composite film
Frame	Anodised aluminium
Cell	6 × 12 Q.ANTUM solar cells
Junction box	85-115 × 60-80 × 15-19 mm, Protection class ≥ IP67, with bypass diodes
Cable	4 mm² Solar cable; (+) ≥ 1200 mm, ≥ (-) 1200 mm
Connector	MC4** or MC4-EVO 2, IP65 and IP68

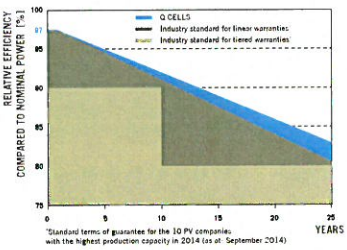


ELECTRICAL CHARACTERISTICS

POWER CLASS		345	350	355
MINIMUM PERFORMANCE AT STANDARD TEST CONDITIONS, STC[1] (POWER TOLERANCE +5 W / -0 W)				
Minimum	Power at MPP[2]	P_{MPP}	345	350	355
	Short Circuit Current*	I_{SC}	9.64	9.69	9.74
	Open Circuit Voltage*	V_{OC}	47.46	47.71	47.97
	Current at MPP*	I_{MPP}	9.09	9.15	9.21
	Voltage at MPP*	V_{MPP}	37.93	38.23	38.52
	Efficiency[2]	η	≥ 17.3	≥ 17.6	≥ 17.8
MINIMUM PERFORMANCE AT NORMAL OPERATING CONDITIONS, NOC[3]					
Minimum	Power at MPP[2]	P_{MPP}	255.8	259.5	263.2
	Short Circuit Current*	I_{SC}	7.77	7.81	7.85
	Open Circuit Voltage*	V_{OC}	44.29	44.53	44.77
	Current at MPP*	I_{MPP}	7.14	7.19	7.24
	Voltage at MPP*	V_{MPP}	35.83	36.10	36.36

[1] 1000 W/m², 25 °C, spectrum AM 1.5 G [2] Measurement tolerances STC ±3%; NOC ±5% [3] 800 W/m², NOCT, spectrum AM 1.5 G * typical values, actual values may differ

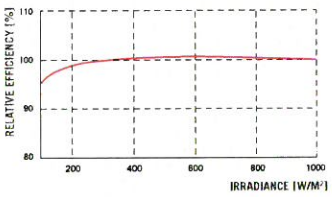
Q CELLS PERFORMANCE WARRANTY



At least 97 % of nominal power during first year. Thereafter max. 0.6 % degradation per year.
At least 92 % of nominal power up to 10 years.
At least 83 % of nominal power up to 25 years.

All data within measurement tolerances. Full warranties in accordance with the warranty terms of the Q CELLS sales organisation of your respective country.

PERFORMANCE AT LOW IRRADIANCE



Typical module performance under low irradiance conditions in comparison to STC conditions (25 °C, 1000 W/m²).

TEMPERATURE COEFFICIENTS

Temperature Coefficient of I_{SC}	α	[%/K]	+0.04	Temperature Coefficient of V_{OC}	β	[%/K]	−0.29
Temperature Coefficient of P_{MPP}	γ	[%/K]	−0.40	Normal Operating Cell Temperature	NOCT	[°C]	45

PROPERTIES FOR SYSTEM DESIGN

Maximum System Voltage**	V_{SYS}	[V]	1500 (IEC) / 1500 (UL)	Safety Class	II
Maximum Reverse Current	I_R	[A]	20	Fire Rating	C / TYPE 1
Wind/Snow Load (in accordance with IEC 61215)		[Pa]	2400/5400	Permitted Module Temperature On Continuous Duty	-40 °C up to +85 °C

** Max. system voltage in case of MC4 connector 1000 V (IEC)/1500 V (UL)

QUALIFICATIONS AND CERTIFICATES

IEC 61215 (Ed. 2); IEC 61730 (Ed. 1), Application class A
This data sheet complies with DIN EN 50380.

PARTNER

NOTE: Installation instructions must be followed. See the installation and operating manual or contact our technical service department for further information on approved installation and use of this product.

Hanwha Q CELLS GmbH
Sonnenallee 17-21, 06766 Bitterfeld-Wolfen, Germany | TEL +49 (0)3494 66 99-23444 | FAX +49 (0)3494 66 99-23000 | EMAIL sales@q-cells.com | WEB www.q-cells.com

Engineered in **Germany**

RBI SOLAR GM-NEXTGEN SOLAR RACKING SPECIFICATIONS

RBI SOLAR

Ground Mount Solution | GM-NextGen

When EPCs and project developers across the USA need dependable, low-maintenance ground mount racking, they turn to RBI Solar. As a single-source provider, we take responsibility for the Design, Engineering, Manufacturing, and Installation of PV mounting solutions. When you choose RBI Solar for your next ground mount, you're choosing peace of mind that your project is in the hands of the most trusted solar racking team in the industry.

Why choose RBI Solar?

- Professional Engineers licensed in all 50 states
- Quick response & efficient communication
- National installation capabilities
- Our in-house team members are an extension of your staff
- 85+ years manufacturing experience
- Complete turn-key process, reduction in your vendor coordination
- Company owned post driving equipment
- National project management capabilites with roaming site service personnel
- More time to focus on your business

www.rbisolar.com

Driven Ground Mount Solution Features

Foundation and racking design	Site wind speeds 170+ mph and ground snow loads 90+ psf
Signed and sealed drawings	Available in all 50 states
Proprietary on-site testing	Pull testing & corrosion testing - no geotechnical report required
Pre-assembled parts	Reduction in installation time
Variable slope	Accommodates slopes up to 30% (with topographic site map)
20-yr standard warranty	Proven rack reliability and bankability
G115 minimum galvanized coating	Exceeds ASTM and UL standards for 30% extended life
Driven posts	Cost-effective cee channel or I-beam post options available
Up to 24’ long post driving	Ability to address challenging soils or elevate array structure
Module configurations	Portrait, landscape (all module types)
Raised purlins	Integrated bonding and grounding to UL 2703
Corrosion class	System available for all corrosion classes
Wire management and electrical	Integrated wire management solution and inverter mounting

Contact us at info@rbisolar.com or (513) 242-2051

DESIGN • ENGINEERING • MANUFACTURING • INSTALLATION

5513 Vine Street, Cincinnati, OH 45217 | 513-242-2051 | info@rbisolar.com | **www.rbisolar.com**

RBI SOLAR

RBI SOLAR

Ground Mount Solutions

Driven | Ballasted

DESIGN • ENGINEERING • MANUFACTURING • INSTALLATION

RBI SOLAR

Complete Single-Source Solutions

RBI Solar's ground mount solar systems are designed and engineered for each customer's site specific conditions to minimize the field installation labor by eliminating field welding, drilling, or other on-site fabrication. Our meticulous project planning and precise execution combine to provide you with solar racking solutions that are tailored to the unique conditions of your location while reducing your overall total project costs. RBI provides a wide range of PV mounting systems in various sizes to offer freedom and flexibility to support every type of PV module.

Why choose RBI Solar?

- Single-source solutions aide in reduction of overall total project costs
- Streamlined production process
- Wider selection of component parts
- Higher strength steel with corrosion protection
- Uses less steel without sacrificing strength
- Pre-assembled components available
- Quick response & efficient communication
- Follow contours to mitigate civil/site work
- Nationwide installation services
- ETL Classified to UL Standard 2703
- 20-yr limited warranty
- 85+ years manufacturing experience & bankable financial backing

Ground Mount Solutions

- Customizable, site-specific solutions
- Multiple foundations available
- ETL classified to UL Standard 2703

Ballasted Mounting Solutions

- Two ballast foundation offerings
- Perfect for landfills, brownfields and non-penetrable sites

Design & Engineering

- Licensed in-house engineers
- Structural and foundation design
- Stamped drawings, including foundations
- Code compliance
- On-site pile testing

Manufacturing

- Multiple manufacturing facilities
- National & International capabilities
- ARRA compliant availability

Installation

- Dedicated Project & Construction Managers
- Highly skilled & specialized installation crews
- Company-owned post driving equipment

Our Job is to Make Yours Easier

Single-Source Provider

DESIGN

RBI Solar's in-house designers provides complete structural and foundation design. It is our focus to deliver the most effective and efficient racking solution for each project's site specific conditions.

ENGINEERING

Our licensed in-house engineers incorporate and analyze data from certified geotechnical reports, on-site pile testing and all applicable codes/loading considerations when designing each individual project.

MANUFACTURING

Having multiple state-of-the-art manufacturing facilities with vertical integration and refined manufacturing protocol, ensure RBI Solar delivers on overall quality of product with reduced lead times for material delivery to job sites.

INSTALLATION

RBI Solar provides single-source responsibility with in-house project management and a network of installation crews. Overall project coordination allows RBI Solar to focus on delivering projects on time and within budget.

Solar Racking Solutions
from the Industry's Most Trusted Team

Contact us at info@rbisolar.com or (513) 242-2051

www.rbisolar.com

RBI SOLAR

TMEIC INVERTER 2700 SPECIFICATIONS

A partner you can trust.

Bankability. Reliability. Serviceability.

TMEIC, a multi-billion $ joint venture between Toshiba & Mitsubishi-Electric, is a global leader for PV inverter technology innovation.

Bankability

The financial strength you need in an inverter partner. TMEIC is a diversified industrial systems company, serving steel, oil & gas, mining, container crane and a wide variety of power electronics applications.

- #1 market share leader in the Japanese market and #1 worldwide for inverters >99kW
- More than 9,000 MW of PV Inverters installed world-wide
- Over 30 years of PV inverter manufacturing and R&D experience

Reliability

A level above the competition. TMEIC was the first company to implement advanced 3-level NPS topology and an advanced hybrid cooling system for PV central inverters.

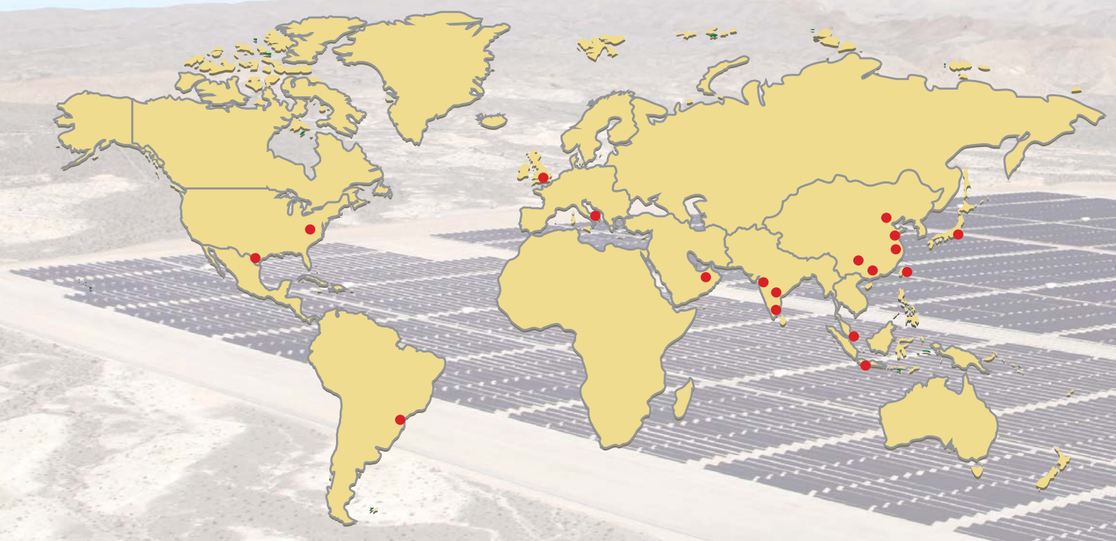
- First central inverter to achieve 99% maximum efficiency
- Heatpipe-based cooling minimizes particle entrance, increasing uptime & reducing O&M cost
- With over 9,000 MW installed, TMEIC has only had two IGBT field failures.

Serviceability

We're there when you need us! TMEIC's well proven technology is further enhanced with the industry's leading service structure.

- 24/7 US based phone support
- Comprehensive customer training system
- Extended warranty of up to 20 years
- Optional performance guarantee

Global Locations



2060 Cook Dr., Salem, VA 24153 • +1 (540) 283-2000
Email: SolarPV@tmeic.com • www.tmeic.com

Contents subject to change without notice
Photo courtesy of Signal Energy

TMEIC

P-1307-T
Revised June 2016

TMEIC
We drive industry

SOLAR WARE® Samurai Series

Up to 2700kW, 1500V

The world's first 1500VDC PV inverter certified to UL1741

SOLAR WARE® SAMURAI

Three Power Classes

- 2700 kW – 2700 kVA (1500 V)
- 2500 kW – 2500 kVA (1500 V)
- 1833 kW – 2000 kVA (1000 V)

1500Vdc Series

- UL 1741 Certified
- Reduces cable mass to minimize cost & enhance flexible plant design
- Reduces combiner box and number of inverters
- Fewer cables needed between combiner box & inverter

Award Winning Central Inverters for the Solar Industry

- Advanced multilevel inverter - 56% of switching loss reduction
- Maximized and optimized efficiency at high load
- Wide MPPT range allowing for best in class DC/AC Ratios
- Flexible DC-input configuration to meet complex array configuration

Maximize Revenue & Improve ROI

- High-yield power generation – Maximum efficiency of 99%
- High-efficiency in any weather
- Realize large capacity with fewer inverters
- Reduce site work and BOS investment

Grid Connection Features

TMEIC developed the grid connection features working with Japanese power companies. All of TMEIC's utility scale inverters include the latest interconnection technology. These features include:

- Power factor control
- Reactive/Active power control
- TMEIC's proprietary anti-islanding technique utilizes a slip mode frequency shift method
- Advanced Fault Ride Through Features

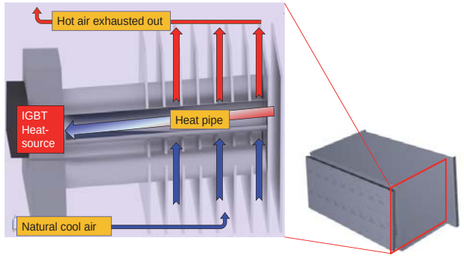
Advanced Hybrid Cooling System

The first heat pipe air-cooled PV inverter

Utilizing TMEIC heat pipe technology, the inverter runs without fan operation up to 50% load. Heat-pipe cooling significantly simplifies thermal management, because it uses fewer parts and only a slow-speed fan with a heat pipe heat sink. TMEIC's advanced hybrid cooling solution:

- Simple & Robust
- High Reliability
- Significantly reduces O&M costs
- Small Footprint

The Fan-less mode runs when the inverter is below 50% load @ 50°C. Natural convection provides necessary cooling. Cool air enters from the bottom, flows through the heat pipe, and hot air is exhausted from the top.



SPECIFICATIONS

Type		PVL-L0833GR	PVL-L1833GRQ	PVL-L1833GRM	PVH-L2500GR	PVH-L2700GR
Output side (AC)	Rated Power	833 kW	1667 kW	1833 kW/2000 kVA	2500 kW/2500 kVA	2700 kW/2700 kVA
	Rated Voltage (3-phase)	418V +10%, -12%	418V +10%, -12%	418V +10%*1	550V +10%*1	600V +10%*1
	Rated Frequency	60/50 Hz (+0.5 Hz, -0.7 Hz)	60/50 Hz (+0.5 Hz, -0.7 Hz)	60/50 Hz (+0.5 Hz, -0.7 Hz)	60/50 Hz	60/50 Hz
	Rated Power Factor	Over 0.99	Over 0.99	Over 0.99	Over 0.99	Over 0.99
	Reactive Capability	+/-762kVAR	+/-762kVAR	+/-800kVAR	+/-890kVAR *4	+/-1020kVAR*4
	Rated Current	1265 Arms	2533 Arms	2762 Arms	2624 Arms	2598 Arms
	Maximum Current	1438 Arms	2877 Arms	2762 Arms	2624 Arms	2598 Arms
	Maximum Eff.	99%	99%	99%	98.8%	98.8%
	CEC Efficiency	98.5%	98.5%	98.5%	98.5%	98.5%
	Maximum Voltage	1000 Vdc	1000 Vdc	1000 Vdc	1500 Vdc	1500 Vdc
	MPPT Operation Range	605 Vdc ~ 950 Vdc*2	605 Vdc ~ 950 Vdc*2	605 Vdc ~ 950 Vdc	800 Vdc ~ 1300 Vdc	875 Vdc ~ 1300 Vdc
Environ. Conditions	Ingress Protection Ratings	NEMA3R	NEMA3R	NEMA3R	NEMA3R	NEMA3R
	Installation	Outdoor	Outdoor	Outdoor	Outdoor	Outdoor
	Amb. Temp. Range	-20°~55°C (-4°~131°F) Derate from 50°-55° C*3			-20°~55°C (-4°~131°F) Derate from 40°-55°C*3	
	Max. Altitude	2000 m (contact TMEIC for ratings above 2000 m)				
Protective Functions	Input (DC) Side	Ground Fault, DC Reverse Current, Over Voltage, Over Current				
	Grid (AC) Side	Anti-islanding, Over/Under Voltage, Over/Under Frequency, Over Current				
	Grid Assistance	Reactive/Active Power Control, Power Factor Control, Fault Ride Through (optional)				
User Interface	User Interface	LCD (3.8 inch, QVGA) with Touch-Screen				
	Communication	Modbus/TCP				
Fault Analysis		Fault Event Log, Waveform Acquisition via memory card				
Compliance		UL1741/CSA; 107.1/IEEE1547; NEC standard				
Cooling Method		Advanced Hybrid Cooling				
Standard Number of Inputs		1	1	1	1	1
Standard Control Power Supply		Control Power Supply from Inverter output and Capacitor backup circuit (3 sec. compensation)				
Weight		7940 lbs (3600kg)	11,500 lbs (5200 kg)	11,500 lbs (5200 kg)	13,228 lbs (6000 kg)	13,228 lbs (6000 kg)
Dimensions (H x W x D)		92 x 118 x 46 inch (2286 x 3000 x 1150 mm)	92 x 197 x 46 inch (2286 x 5000 x 1150 mm)	92 x 197 x 46 inch (2286 x 5000 x 1150 mm)	92 x 197 x 46 inch (2286 x 5000 x 1150 mm)	92 x 197 x 46 inch (2286 x 5000 x 1150 mm)
Floor Space		5,348 sq. in. (3.45m²)	8,914 sq. in. (5.75 m²)	8,914 sq. in. (5.75 m²)	8,914 sq. in. (5.75 m²)	8,914 sq. in. (5.75 m²)
Color		Cabinet: Sand White #Dic583, Roof: Gray #Munsel N4.5				

Notes:

*1 Full power available at and above nominal voltage. Derate will apply below nominal voltage.

*2 Transition from constant DC voltage mode to MPPT mode occurs between 595V and 605V.

*3 Contact a TMEIC Sales Manager for detailed temperature-related derates.

*4 Available reactive capability with reduction in active power.

TRANSFORMER SPECIFICATIONS

DISTRIBUTION TRANSFORMERS

Solar-ready distribution transformers

Transformers designed to match solar inverters

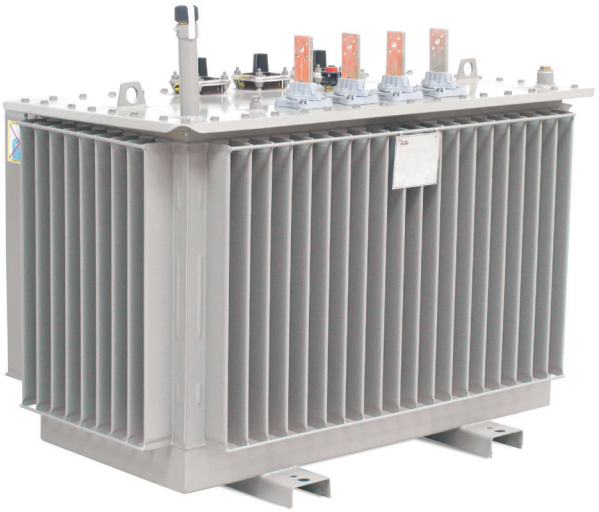


ABB offers pre-designed distribution transformers to meet leading inverter manufacturers' requirements resulting in significantly reduced lead times and extended transformer life.

An improved approach
With market constraints in mind, ABB has developed distribution transformers for the solar industry that pair with ABB's PVS980 solar inverter sizes. These 'fit for purpose' transformers are designed to optimize the performance, reliability and return on investment of any solar installation. From residential rooftops to commercial and industrial applications and utility-grade power plants, ABB's solar-ready transformers decrease lead times and increase reliability in all environmental conditions.

Solar-ready distribution transformers from ABB are specifically matched to solar inverter sizes and their application. Streamlined quotation and manufacturing processes meet the aggressive time lines for your solar project. With 48 available options to choose from, ABB solutions save weeks that are typically required to design new transformers.

Energy efficient designs based on the ABB PVS980 power and voltage ratings meet all current regulations and standards. Liquid-filled transformers can be manufactured and tested with mineral oil or ester fluids (natural or synthetic) based on your requirements.

Situation analysis/background:
Today's solar developers, contractors, and EPCs are facing long approval times for funding and shorter timeframes to execute projects.

Industry challenges:
- Longer approval time for funding
- Solar market operates at faster pace than standard industrial markets
- Contractors have less time to purchase materials for solar farms
- Pressure to reduce system/project costs

Pre-designed distribution solar transformers can help reduce overall operating costs and offset the continued cost pressure on solar generation, providing a faster solar farm implementation and a greater return on investment.

Benefits of ABB's solar-ready transformers

- Fit for purpose
- Standard designs in your hands quickly
- Short lead times to provide quick planning and execution of projects
- Faster return on investment (ROI)
- Quick pricing to reduce the project planning cycle

Product features

- Solar transformer matched to ABB PVS980 inverter
- HV (kV): 20, 22, 33, 34.5
- LV (V): 600, 630, 660
- Mineral oil or ester fluids (natural or synthetic) available
- 48 design options with low loss/high loss combinations for IEC and ANSI markets
- Expedited delivery

ABB as your competitive edge

Pre-designed and optimized transformers from ABB are available to match the solar industry's needs. Standardized designs provide a proven solution with lower risks. Each transformer is matched for your inverter and the unique solar environment. The time required from order to delivery of these specialized units is significantly reduced using ABB's technology and extensive transformer experience.

Questions for consideration:

- Do you have less time to plan your solar project?
- Are you experiencing performance issues with distribution transformers in solar applications?
- Are you under a time crunch to get your farms built and projects executed?
- Do you custom design the transformers for each project?
- What type of inverters are you using?
- How could you benefit from deliveries in half the time of traditional transformer solutions?

For more information contact:
ABB Inc.
Affolternstrasse, 44
P. O, Box 8131
8050 Zurich, Switzerland

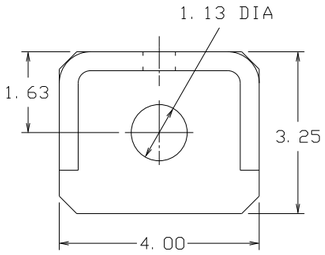
new.abb.com/products/transformers/distribution

3AUA0000080942 REV A 18.5.2010 #14995

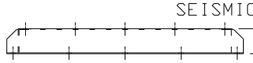
JC07365 3PH 2700.0kVA HV=34500 LV=600Y/347 SAND WHITE DIC 583, VALSPAR KPW0009 ENVIROTEMP (FR3) Order GSA3046 - 1

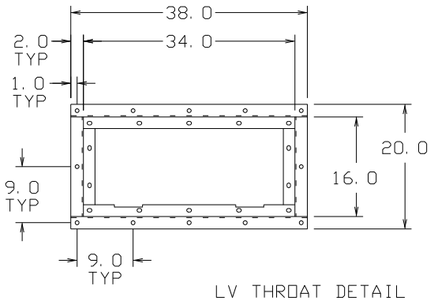
DOWNLOAD INSTRUCTION BOOKS AT WWW.ABB.COM/TRANSFORMERS
DESCARGAR LIBRO DE INSTRUCCIONES EN WWW.ABB.COM/TRANSFORMERS

THIS OUTLINE IS FOR ERECTION OR MOUNTING PURPOSES. IT IS NOT TO SCALE AND SHOULD NOT BE REGARDED AS INDICATING THE EXACT DETAILS OF CONSTRUCTION.

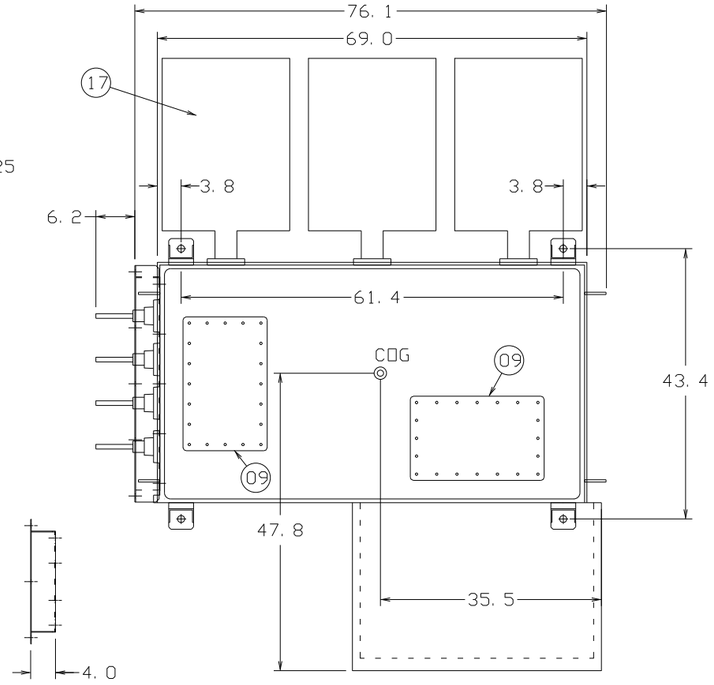


SEISMIC ANCHOR

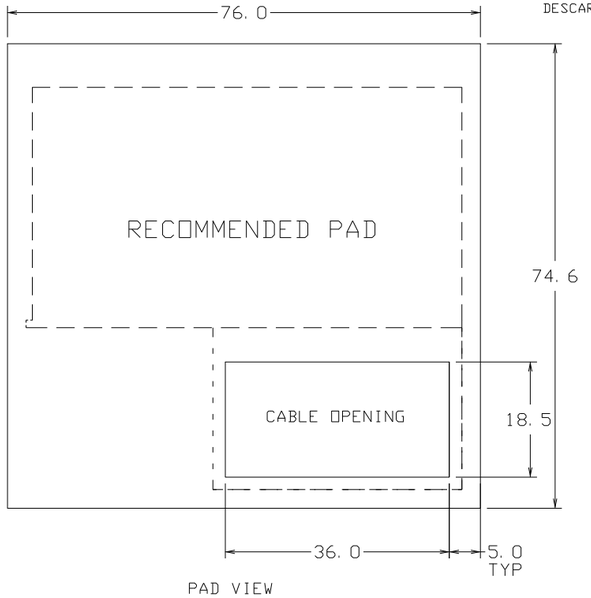




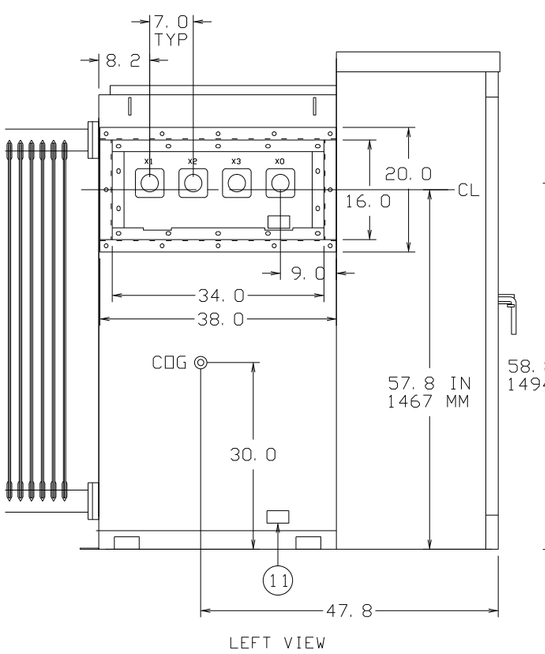
LV THROAT DETAIL



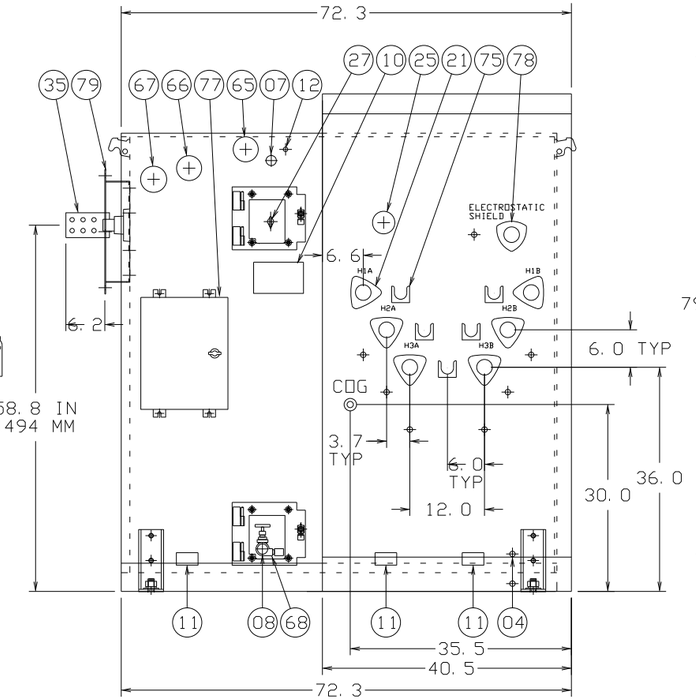
TOP VIEW



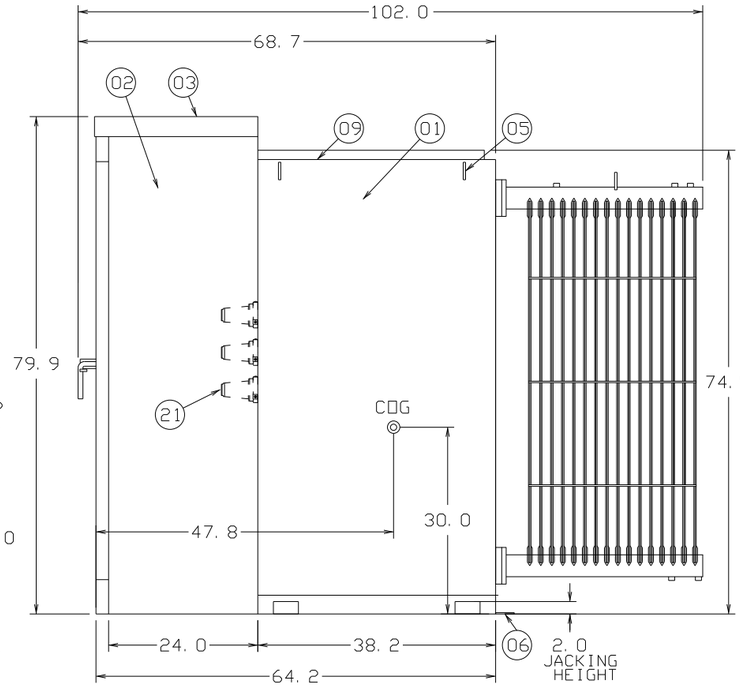
PAD VIEW



LEFT VIEW

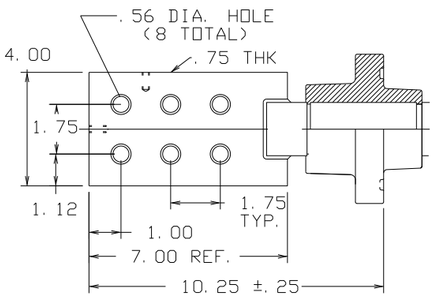


FRONT VIEW
SHOWN WITHOUT DOORS



20.0 OPEN DOOR SWING

RIGHT VIEW



01 TANK
02 CABINET BOLTED-ON, REMOVABLE SILLS, OPEN BOTTOM 1.25 INCH FLANGE, HINGED LIFT-OFF DOOR, PROVISION FOR PADLOCK, STOP IN OPEN POSITION.
03 WEATHER COVER, REMOVABLE OR HINGED
04 PROVISIONS FOR TANK TO CABINET GROUND
05 LIFTING HOOKS, 4 TOTAL
06 SHIPPING BRACKETS
07 1 INCH FILL PLUG WITH SCHRADER VALVE
08 1 INCH DRAIN PLUG
09 HANDHOLE, 9.5 INCH X 17.5 INCH, BOLTED-ON COVER
10 NAMEPLATE MOUNTED ON TANK WALL
11 GROUND PAD .50-13-TAP, HV AND LV COMPARTMENT
12 PRESSURE RELIEF DEVICE
17 REAR COOLER
21 600 AMP DEAD-BREAK HIGH VOLTAGE BUSHING
25 TAP CHANGER
27 300 AMP TRANSFORMER SWITCH IN PADLOCKABLE BOX
35 LOW VOLTAGE BUSHING, ANSI SPADES, WITH 6 HOLES.
65 PRESSURE VACUUM GAUGE WITH ALARM CONTACTS
66 OIL LEVEL GAUGE WITH ALARM CONTACTS
67 THERMOMETER WITH ALARM CONTACTS
68 DRAIN VALVE WITH SAMPLER IN PADLOCKABLE BOX
75 PARKING STAND
77 CONTROL CABINET
78 ELECTROSTATIC SHIELD GROUND BUSHING WITH GROUND STRAP
79 LOW VOLTAGE THROAT

** COLOR: SAND WHITE (DIC 583)
** LESS-FLAMMABLE BIODEGRADABLE FLUID
** NITROGEN BLANKET
** UL APPROVED
** SEISMIC RATED TRANSFORMER DESIGN
** CORE GROUND ACCESSIBLE THROUGH HANDHOLE
** INTERNAL EXPULSION FUSES IN SERIES WITH OIL-IMMERSED PARTIAL RANGE CURRENT LIMITING FUSE
** INTERNAL PARTIAL RANGE FUSE: 38 KV, 165 AMP, 50,000 MAX INTERUPT
** SPARE EXPULSION FUSES SHIPPED DETAIL
** TOUCH UP PAINT (12 OZ SPRAY CAN)

KVA	2700
H. V.	34500 DELTA
L. V.	600Y/347

REV DATA
02 MOVED XO BUSHING TO LV THROAT S.FLUEGEL 042318
03 ADDED GROUND PAD BELOW XO BUSHING S.FLUEGEL 042518

ABB INC.				REV NO 03
TITLE OL3PPADMNT	DEF XXX FIN XX U/M XX NOTE XX			
DES 3PH OUTLINE				USER USSCFL
DIMENSIONS IN INCHES-SCALE 1	CADAM 000000511NNMNCHLR03, 1			
S.FLUEGEL 041718	APPD XXXXX	MMDDYY	J801CHLR	
D SPEC XXXXXX	APPD			
ENG. REF XXXXXX	LAYOUT MODEL ID ,			
ENGINEERING DEPT.	JEFFERSON CITY, MO.	USA		

SOLIDLOCK FIXED KNOT FENCING SPECIFICATIONS

BEKAERT

better together

Fixed Knot Fencing

FIXED KNOT

MADE IN THE USA

What can we offer you?

We at Bekaert want to help you select the best fixed knot fence to meet your unique fencing needs. Our fixed knot fences utilizes solid vertical stay wires, which increase the vertical strength of the fence and allows for increased post spacing. Our fixed knot is a separate piece of wire tightly wrapped around the line wire providing maximum strength and locking the horizontal and vertical wires in place.

Our fixed knot fences ensure a solid construction on all terrains. They are offered in a wide variety of heights and styles that feature graduated spacing that starts with narrow openings at the bottom which prevent the entry of small animals. Bekaert Fixed Knot fences are very resistant to animal damage and can be used for various applications. All Solidlock® fences are manufactured using high tensile wire which makes the fence easier to install, requires no pre-stretching and uses fewer posts which means reduced maintenance for you.

Solidlock® Limited Guarantee

With over 130 years of experience, we've learned how to do it right, this is why we stand behind our products with our Solidlock® Guarantee. Our *better together* tag accurately reflects the way we work together with our customers, partners, local government agencies, and colleagues. By following these basic concepts, Bekaert has raised quality and cooperation to the highest level. We strongly believe in our level of manufacturing quality and excellence, for these reasons we want to offer the Solidlock® Guarantee to you, our customer. Visit fencing.bekaert.com for more info!

ZA+ Paint Solidlock®

- Superior coating resistance
- 95% Zinc; 5% Aluminum
- Aesthetically pleasing green or black finish
- ZA coating lasts three times longer than Class 1 galvanized coating at a better value
- Meets/Exceeds ASTM A-116 and ASTM A- 856

ZA Fixed Knot

- Excellent coating resistance
- 95% Zinc; 5% Aluminum
- ZA coating lasts three times longer than Class 1 galvanized coating at a better value
- Meets/Exceeds ASTM A- 856

Solidlock®

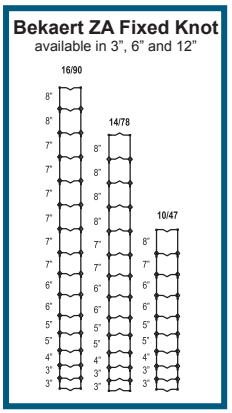
- Great coating resistance
- Class 3 Zinc coating
- Meets/Exceeds ASTM A-116 and ASTM A- 641

Fixed Knot Product Details

Bekaert ZA Fixed Knot

Bekaert ZA Fixed Knot has an advanced coating exclusively made by Bekaert. Bekaert ZA (95% Zinc, 5% Aluminum) coating maximizes fence life and value. Adding 5% Aluminum results in a coating that lasts three times longer than Class 1 galvanized at a better value.

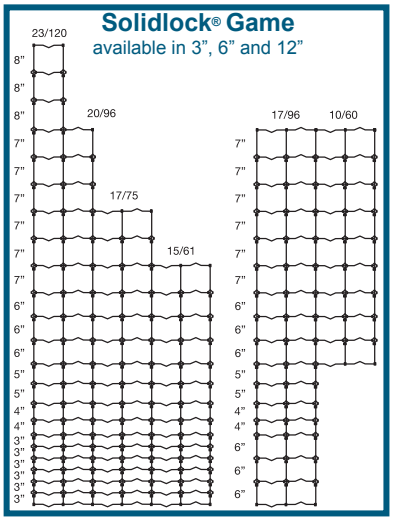
Part Number	Fence Design	Height	Vertical Spacing	Roll Length	Wire Gauge	Roll Weight	Coating
157714	1047-3	47"	3"	330'	14g	222 lbs	ZA
157715	1047-6	47"	6"	330'	14g	142 lbs	ZA
157716	1047-12	47"	12"	330'	14g	102 lbs	ZA
170645	1478-6	78"	6"	165'	14g	105 lbs	ZA
157717	1478-6	78"	6"	330'	14g	210 lbs	ZA
157718	1690-6	90"	6"	330'	14g	241 lbs	ZA



Solidlock® for Game

Solidlock® for Game fences are all manufactured with Class 3 galvanized coating offering three three times the life versus Class 1. In addition, our 2096-6 fence design has the option of ZA+ Paint coating which has all the benefits of ZA coating plus the benefits of an aesthetically pleasing UV stabilized green paint appearance.

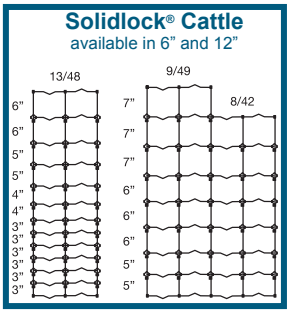
Part Number	Fence Design	Height	Vertical Spacing	Roll Length	Wire Gauge	Roll Weight	Coating
118218	1060-6	60"	6"	330'	12.5g	210 lbs	Class 3
118248	1561-6	61"	6"	330'	12.5g	279 lbs	Class 3
118257	1060-12	60"	12"	660'	12.5g	294 lbs	Class 3
118269	1775-6	75"	6"	330'	12.5g	327 lbs	Class 3
118271	2096-3	96"	3"	165'	12.5g	340 lbs	Class 3
118288	2096-6	96"	6"	330'	12.5g	396 lbs	Class 3
118376	2096-6	96"	6"	500'	12.5g	601 lbs	Class 3
118241	2096-12	96"	12"	330'	12.5g	264 lbs	Class 3
118371	2096-12	96"	12"	660'	12.5g	564 lbs	Class 3
118318	23120-6	120"	6"	330'	12.5g	492 lbs	Class 3
136261	2096-6	96"	6"	330'	12.5g	396 lbs	ZA + Black
136692	2096 - 6	96"	6"	330'	12.5g	396 lbs	ZA + Green



Solidlock® for Cattle

Solidlock® for Cattle fences are all manufactured with Class 3 coating. Class 3 galvanized coating lasts three times longer than Class 1.

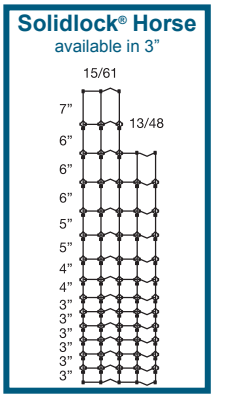
Part Number	Fence Design	Height	Vertical Spacing	Roll Length	Wire Gauge	Roll Weight	Coating
118185	842-6	42"	6"	330'	12.5g	157 lbs	Class 3
118221	842-12	42"	12"	660'	12.5g	220 lbs	Class 3
118199	949-6	49"	6"	330'	12.5g	182 lbs	Class 3
118162	949-12	49"	12"	330'	12.5g	129 lbs	Class 3
118239	949-12	49"	12"	660'	12.5g	257 lbs	Class 3
118226	1348-6	48"	6"	330'	12.5g	234 lbs	Class 3
120310	1348-12	48"	12"	330'	12.5g	176 lbs	Class 3



Solidlock® for Horse

Solidlock® for Horse fences are all manufactured with Class 3 coating. Class 3 galvanized coating lasts three times longer than Class 1.

Part Number	Fence Design	Height	Vertical Spacing	Roll Length	Wire Gauge	Roll Weight	Coating
118150	1348-3	48"	3"	100'	12.5g	117 lbs	Class 3
118225	1348-3	48"	3"	200'	12.5g	233 lbs	Class 3
118174	1561-3	61"	3"	100'	12.5g	140 lbs	Class 3
118249	1561-3	61"	3"	200'	12.5g	280 lbs	Class 3



BEKAERT

better together

Where to find us

Would you like to learn more about the solutions we offer?
Are you interested in any of our products or services?
Please do not hesitate to get in touch. We would be delighted to talk about how we can be *better together*.

Bekaert Corporation
1395 South Marietta Parkway
Building 500, Suite 100
Marietta, Georgia 30067-4440
T- 770-421-8520
F- 770-421-8521

Bekaert Corporation
1881 Bekaert Drive
Van Buren, AR. 72956
T- 479-474-5211
F- 479-474-9075

For installation and product information scan this QR code with your mobile phone or visit us at

fencing.bekaert.com