

# ARRAY

NS-TH-3

# UNLEVEL THE PLAYING FIELD



TERRAIN FOLLOWING TRACKER WITH  
**Up to 1°** OF SLOPE CHANGE  
PILE-TO-PILE

UP TO **32** LINKED ROWS PER  
DRIVE MOTOR

**+/-52°** TRACKING RANGE  
OF MOTION

## ARRAY OmniTrack™

OmniTrack delivers all the benefits of ARRAY's flagship product ARRAY DuraTrack™—high reliability, durability, and passive stow energy performance advantage – with the added benefits of enhanced N/S terrain flexibility and minimized or eliminated site grading.

OmniTracks's flexible design allows for more slope without sacrifice. Requiring significantly less grading, less pile steel, and civil works permitting, OmniTrack saves time and money.



### Built in Expert Terrain Analysis

Determine the banding of your site's slope and get terrain analysis with your OmniTrack purchase. Avoid unnecessary environmental regulation challenges, reduce grading and steel costs, and optimize your site's production.



### Leading Terrain Adaptability

Our flexibly linked architecture, with articulating driveline joints and forgiving tolerances, creates the most adaptable system on the market for following natural land contours while creating the greatest power generation potential from every site.



### Minimize Site Grading

OmniTrack's flexible design works with the land, not against it. Its terrain following technology allows for installation on hilly terrain, minimizing the need for grading, which leads to faster permitting and quicker implementation. Less site grading also saves time from reseeding.



### Less Environmental Impact

Engineered to reduce or eliminate grading, OmniTrack™ maintains natural terrain. This leads to far less ground disturbance, which preserves natural water flow and protects the surrounding land from erosion.

# ARRAY



## High Power Density

Higher density means more power and more profit. OmniTrack offers the unique ability to maximize the power density of each site, boasting up to 120 modules per row and higher density than our closest competition.



## Fewer Components. Greater Reliability.

ARRAY was founded on a philosophy of engineered simplicity. Minimizing potential failure points with fewer components than competitors, OmniTrack consistently delivers higher reliability and superior uptime.

## ARRAY TECHNOLOGIES

3901 Midway Place NE  
Albuquerque, NM 87109 USA

[sales@arraytechinc.com](mailto:sales@arraytechinc.com)  
[arraytechinc.com](http://arraytechinc.com)



We earned the industry's best marks for lead-time from contract to delivery. So when you get ARRAY you can get to work.

**VISIT [ARRAYTECHINC.COM/CONTACT-US](http://ARRAYTECHINC.COM/CONTACT-US) TO GET STARTED!**

## STRUCTURAL & MECHANICAL FEATURES/SPECIFICATIONS

Tracker Type	Horizontal single axis (1 module in portrait)
Ground Cover Ratio (GCR)	Site configurable. Typical: 28-45%
Linked Rows per Drive Motor	Up to 32
Drive Type	Rotating gear drive connected by drivelines (no driveline or bearing lubrication required)
ARRAY Height	Torque Tube Elevation: 54" standard, adjustable (48" min height above grade)
Tracking Range of Motion	+/- 52°
Terrain Flexibility (N-S)	Up to 8.5° standard (up to 15° optional) and up to 1° slope change in torque tube
Terrain Flexibility (E-W)	Up to 30° combined angle
Wind Protection	Autonomous passive mechanical system No sensors or grid power required to activate
Max Wind Speed	140 mph (225 km/h) per ASCE 7-10 (3-second gust)
Operating Temp Range	Standard: -4°F to 140°F (-20°C to 60°C) Optional: -40°F to 104°F (-40°C to 40°C)
Materials	Pre-galv steel, HDG steel and aluminum structural members, as required

## MODULE COMPATIBILITY

c-Si Modules per Row (1500V DC)	Typical: 84-112 Maximum: 120
First Solar Modules per Row (1500V DC)	Series 6 Plus: 84-108 Series 7: 96-114
Modules Supported	Most commercially available, including framed or frameless crystalline, thin film, bifacial, and back rails
Module Attachment	Single fastener, high-speed mounting clamps with integrated grounding. Traditional rails for crystalline in landscape, custom racking for thin film and frameless crystalline and bifacial per manufacturer specs

## CONTROL SYSTEM DETAILS

Baseline Solar Tracking Method	SANDIA's Ephemeris Model
Control Electronics	SmarTrack Controller Site Data Controller 6X Motor Controllers
Communications	MODBUS TCP
Backtracking	Yes (Optional terrain adaptive backtracking with SmarTrack)
Diffuse Light Response	Optional with SmarTrack
Night-time Stow	Yes (configurable)
Tracking Accuracy	+/- 2°
Motor Type	2HP, 3 Phase, 480V AC

## INSTALLATION, OPERATION, AND MAINTENANCE

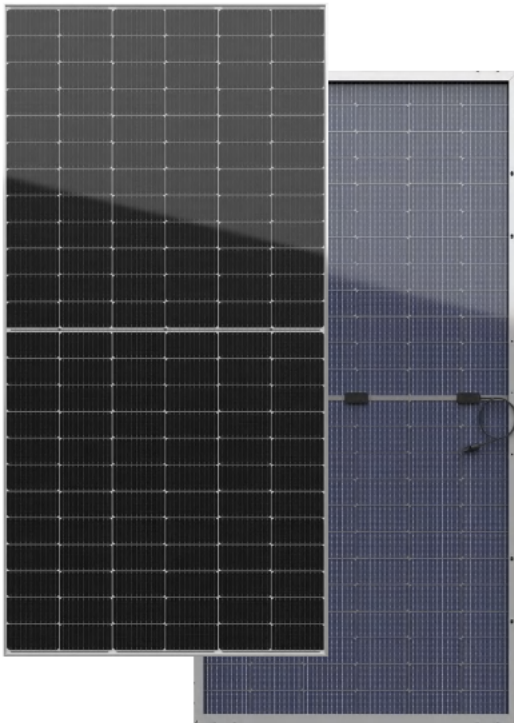
Annual Power Consumption (kWh per 1 MW)	Approximately 310 kWh per MW
PE Stamped Structural Calculations & Drawings	Yes
On-site Training and System Commissioning	Yes
Connection	100% bolted connections. No drilling, cutting or welding on-site or in-field fabrication
Scheduled Maintenance	None required
Module Cleaning Compatibility	Robotic, Tractor, Manual
Warranty	10 years structural; 5 years drive and controls components

# HT72-18X Transparent

High Efficiency Low LID and Bifacial cell with Half-cut Technology  
Big Size: Cell 182 × 91 Monocrystalline

**540W / 545W**

**550W / 555W / 560W**



Half cut cell technology can reduce the internal power loss and improve component overall power. Excellent heat dissipation avoids hot spot production.



10BB The optimized number and width of main gate lines, Maximize the light receiving area of components and reduce component power consumption



Designed for high voltage systems of up to 1500 VDC, increasing the string length of solar systems and saving on BoS costs



Entire module certified to with stand extreme wind (2400 Pa) and snow loads (5400 Pa)



All the modules are sorted and packaged by amperage, reducing mismatch losses and maximizing system output.

**12Ys**  
products

**30Ys**  
warranty on power output

**PID**  
PID resistant

**5W**  
positive tolerance 0/+5W guaranteed

**EL**  
microcrack resistant high performance transparent backsheets structure enhance reliability, triple EL tested of high quality control.

## Comprehensive and First-rate Certification System

IEC61215: 2016.IEC61730: 2016 Latest Standard ISO14001 and ISO45001, meeting the highest international standards Strict quality control



■ Module Efficiency  
**21.7%**

■ No.of Cells  
**144 (6 × 24)**

■ Weight  
**27.4kg**

■ Dimensions  
**2279mm × 1134mm × 35mm**

Shanghai Aerospace Automobile Electromechanical Co., Ltd.

[www.htsolar.com.tr](http://www.htsolar.com.tr)

Turkey HT Solar Energy Joint Stock Company / Lianyungang ShenZhou New Energy Co., Ltd.

\* Copyright@2022 V3 Plus Specifications are subject to change without further notification



## Electrical Characteristics

Module	HT72-18X				
Maximum Power at STC (Pmax)	540W	545W	550W	555W	560W
Open - Circuit Voltage (Voc)	49.50V	49.65V	49.80V	49.95V	50.10V
Short - Circuit Current (Isc)	13.90A	13.95A	14.00A	14.07A	14.14A
Optimum Operating Voltage (Vmp)	41.65V	41.80V	41.95V	42.10V	45.25V
Optimum Operating Current (Imp)	12.97A	13.05A	13.12A	13.20A	13.27A
Module Efficiency	20.9%	21.1%	21.3%	21.5%	21.7%
Power Tolerance	0 ~ + 5W				
Maximum System Voltage	1500V DC (UL / IEC)				
Maximum Series Fuse Rating	25A				
Operating Temperature	-40 °C to +85 °C				

\* STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25, AM=1.5  
Optional black frame or white frame module according to customer requirements

## NMOT

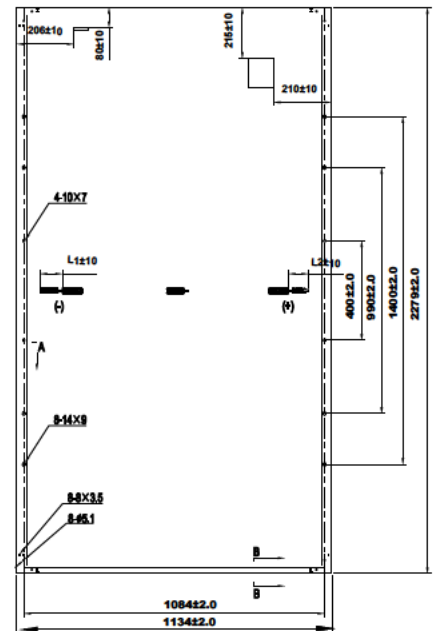
Module	HT72-18X (Bifaciality 70±5%)				
Maximum Power	402W	405W	409W	413W	417W
Open - Circuit Voltage (Voc)	46.92V	47.06V	47.20V	47.34V	47.48V
Short - Circuit Current (Isc)	11.22A	11.26A	11.30A	11.36A	11.41A
Maximum Power Voltage (Vmp)	39.48V	39.62V	39.76V	39.90V	40.04V
Maximum Circuit Current (Imp)	10.18A	10.22A	10.29A	10.35A	10.41A
NMOT	45±2 °C				

\* NMOT: Irradiance 800W/m<sup>2</sup>, ambient temperature 20°C, wind speed 1m/s

## Mechanical Characteristics

Solar Cells	Monocrystalline 182 × 91mm
No. of Cells	144 (6 × 24)
Dimensions	2279mm × 1134mm × 35mm
Weight	27.4kg
Front Glass	High transmission tempered glass; thickness; 3.2mm
Frame	Anodized aluminium alloy
Junction Box	IP68
Cable	4mm <sup>2</sup> (UL / IEC) length; (+) 400mm (-) 200mm / length can be customized
Connectors	MC <sub>4</sub> / MC <sub>4</sub> compatible
Packaging Configuration	31pcs / box, 620pcs / 40'HQ container

## Engineering Drawing



## Temperature Characteristics

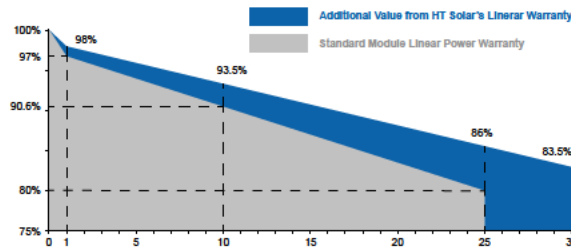
Temperature Coefficient of Pmax	-0.326%/°C
Temperature Coefficient of Voc	-0.258%/°C
Temperature Coefficient of Isc	+0.051%/°C

## Warranty

**12 - year**  
product warranty

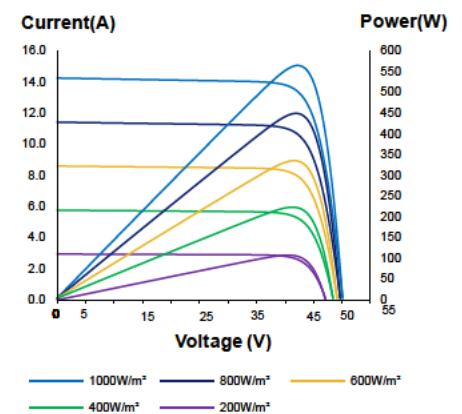
**30 - year**  
warranty on power output

Specific information is referred to the product quality guarantee



The module recycling should be carried out by the professional institutions at the end of module life cycle

## IV Curves



## 275kW/275kVA, 1500Vdc String Inverters for North America



### CPS SCH275KTL-DO/US-800

The 275kW high power CPS three phase string inverters are designed for ground mount applications. The units are high performance, advanced and reliable inverters designed specifically for the North American environment and grid. High efficiencies, wide operating voltages, broad temperature ranges and NEMA Type 4X enclosure enable this inverter platform to operate at high performance across many applications. The SCH275KTL inverters include 12 MPPTs and are available with either 36 fused PV string inputs or 24 unfused PV string inputs. The CPS FlexOM solution enables communication, controls and remote product upgrades.

#### Key Features

- NFPA 70, NEC 2017 compliant
- Touch safe DC Fuse holders adds convenience and safety
- CPS FlexOM Gateway enables remote FW upgrades
- Integrated DC disconnect switch
- Protection Functions for enhanced reliability and safety
- Selectable Max AC Active Power of 250kW or 275kW
- 12 MPPTs with 36 fused inputs or 24 unfused inputs
- Copper and Aluminum compatible AC connections
- NEMA Type 4X outdoor rated, tough tested enclosure
- Full power capacity up to 42°C
- Standard 5 year warranty with extensions to 20 years
- Supported comm protocols (Modbus RTU, TCP/IP, PLC, CAN)

Model Name	CPS SCH275KTL-DO/US-800
<b>DC Input</b>	
Max. DC Input Voltage	1500V
Operating DC Input Voltage Range	500-1500Vdc
Start-up DC Input Voltage / Power	600Vdc / 300W
Number of MPP Trackers	12
MPPT Voltage Range @ PF>0.99 <sup>1</sup>	900-1300Vdc
Max. PV Short-Circuit Current	600A, 50A per MPPT
Number of DC Inputs	36 Fused Inputs, 3 per MPPT or 24 Non-Fused Inputs, 2 per MPPT (determined by SKU)
DC Disconnection Type	Load-rated DC switches
DC Surge Protection	Type II
<b>AC Output</b>	
Max AC Output Power (Selectable) @ PF>0.99	250kW / 275kW
Max. AC Apparent Power	275kVA
Rated Output Voltage	800Vac
Output Voltage Range <sup>2</sup>	704-880Vac
Grid Connection Type	3-Phase / PE
Max. AC Output Current @800Vac	198.5A
Rated Output Frequency	60Hz
Output Frequency Range <sup>2</sup>	57 - 63Hz
Power Factor	>0.99 (±0.8 adjustable)
Current THD @ Rated Load	<3%
Max. Fault Current Contribution (1 Cycle RMS)	215.2A
Max. OCPD Rating	250A
AC Surge Protection	Type II
<b>System and Performance</b>	
Max. Efficiency	99.0%
CEC Efficiency	98.5%
Stand-by / Night Consumption	5W
<b>Environment</b>	
Enclosure Protection Degree	NEMA Type 4X
Cooling Method	Variable speed cooling fans
Operating Temperature Range <sup>3</sup>	-22°F to +140°F / -30°C to +60°C (derating from +107°F / +42°C)
Operating Humidity	0 to 100%
Operating Altitude	8202ft / 2500m (no derating)
Audible Noise	<80dBA @ 1m and 25°C
<b>Display and Communication</b>	
User Interface and Display	LED indicators, WiFi + APP
Inverter Monitoring	Modbus RS485 / Ethernet TCP/IP / PLC / CAN
Site Level Monitoring	CPS FlexOM (1 per 32 inverters)
Modbus Data Mapping	SunSpec / CPS
Remote Diagnostics / FW Upgrade Functions	Standard / (with FlexOM Gateway)
<b>Mechanical</b>	
Dimensions (HxWxD)	26.8 x 41.3 x 15.7in (680 x 1050 x 400mm)
Weight	Approx. 260lbs / 118kg
Mounting / Installation Angle	Vertical installation
AC Termination	Stud Type Terminal (Wire range: 3/0AWG – 600kcmil AL/CU, Lugs not supplied)
DC Termination	36 Fused Input: Screw Clamp Fuse Holder (Wire range: #14 - #6 AWG CU) 24 Non-Fused Input: Screw Clamp Terminal (Wire range: #14 - #8 and #6 - #4 AWG CU)
Fused String Inputs (3 per MPPT) <sup>4</sup>	20A fuses provided (Fuse values up to 30A acceptable)
<b>Safety</b>	
Certifications and Standards	UL1741SA-2018, CSA-22.2 NO.107.1-01, IEEE1547-2018, FCC PART15
Selectable Grid Standard	IEEE 1547-2018, CA Rule 21, ISO-NE, HECO Rule 14H
Smart-Grid Features	Volt-RideThru, Freq-RideThru, Ramp-Rate, Specified-PF, Volt-Var, Freq-Watt, Volt-Watt
<b>Protection Functions</b>	
Reactive Power at Night	Yes
IV Curve Tracing	Yes
Insulation Resistance Monitoring	Yes
Onboard Fault Oscillography	Yes
PV String Current Monitoring	Yes
Residual Current Monitoring	Yes
Input Reverse Polarity Protection	Yes
Output Overcurrent Protection	Yes
Output Short-Circuit Protection	Yes
Output Overvoltage Protection	Yes
<b>Warranty</b>	
Standard	5 Years
Extended Terms	10, 15 and 20 years

1) See user manual for further information regarding MPPT Voltage Range when operating at non-unity PF

2) The "Output Voltage Range" and "Output Frequency Range" may differ according to the specific grid standard.

3) See user manual for further requirements regarding non-operating conditions.

4) Fused string inputs only applicable to the SCH275KTL 36 input model.

# Three-phase pad-mounted compartmental type transformer



## General

At Eaton, we are constantly striving to introduce new innovations to the transformer industry, bringing you the highest quality, most reliable transformers. Eaton's Cooper Power series Transformer Products are ISO 9001 compliant, emphasizing process improvement in all phases of design, manufacture, and testing. In order to drive this innovation, we have invested both time and money in the Thomas A. Edison Technical Center, our premier research facility in Franksville, Wisconsin. Such revolutionary products as distribution-class UltraSIL™ Polymer-Housed Evolution™ surge arresters and Envirotemp™ FR3™ fluid have been developed at our Franksville lab.

With transformer sizes ranging from 45 kVA to 12 MVA and high voltages ranging from 2400 V to 46 kV, Eaton has you covered. From fabrication of the tanks and cabinets to winding of the cores and coils, to production of arresters, switches, tap changers, expulsion fuses, current limit fuses, bushings (live and dead) and molded rubber goods, Eaton does it all. Eaton's Cooper Power series transformers are available with electrical grade mineral oil or Envirotemp™ FR3™ fluid, a less-flammable and bio-degradable fluid. Electrical codes recognize the advantages of using Envirotemp™ FR3™ fluid both indoors and outdoors for fire sensitive applications. The bio-based fluid meets Occupational Safety and Health Administration (OSHA) and Section 450.23 NEC Requirements.

**EATON**

*Powering Business Worldwide*

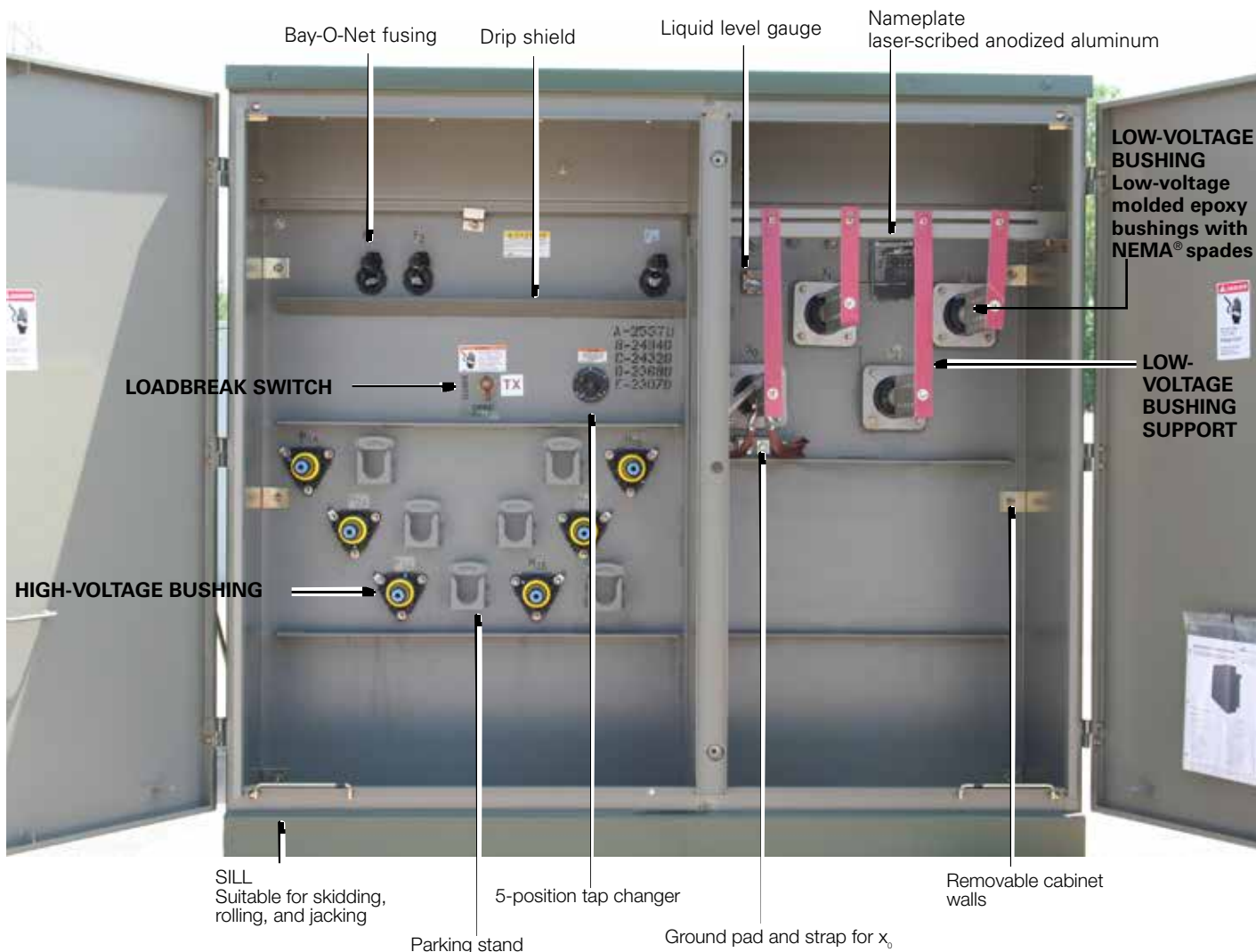


Figure 1. Three-phase pad-mounted compartmental type transformer.

Table 1. Product Scope

<b>Type</b>	Three Phase, 50 or 60 Hz, 65 °C Rise (55 °C, 55/65 °C), 65/75 °C, 75 °C
<b>Fluid Type</b>	Mineral oil or Envirotemp™ FR3™ fluid
<b>Coil Configuration</b>	2-winding or 4-winding or 3-winding (Low-High-Low), 3-winding (Low-Low-High)
<b>Size</b>	45 – 10,000 kVA
<b>Primary Voltage</b>	2,400 – 46,000 V
<b>Secondary Voltage</b>	208Y/120 V to 14,400 V
<b>Specialty Designs</b>	Inverter/Rectifier Bridge
	K-Factor (up to K-19)
	Vacuum Fault Interrupter (VFI)
	UL® Listed & Labeled and Classified
	Factory Mutual (FM) Approved®
	Solar/Wind Designs
	Differential Protection
Seismic Applications (including OSHPD)	
Hardened Data Center	

**Table 2. Three-Phase Ratings**

**Three-Phase 50 or 60 Hz**

kVA Available<sup>1</sup>  
 45, 75, 112.5, 150, 225, 300, 500, 750, 1000, 1500, 2000, 2500, 3000, 3750, 5000, 7500, 10000

<sup>1</sup>Transformers are available in the standard ratings and configurations shown or can be customized to meet specific needs.

**Table 3. Impedance Voltage**

Rating (kVA)	Low-voltage rating		
	≤ 600 V	2400 Δ through 4800 Δ	6900 Δ through 13800GY/7970 or 13800 Δ
45-75	2.70-5.75	2.70-5.75	2.70-5.75
112.5-300	3.10-5.75	3.10-5.75	3.10-5.75
500	4.35-5.75	4.35-5.75	4.35-5.75
750-2500	5.75	5.75	5.75
3750	5.75	5.75	6.00
5000		6.00	6.50

**Note:** The standard tolerance is ± 7.5%

**Table 4. Audible Sound Levels**

Self-Cooled, Two Winding kVA Rating	NEMA® TR-1 Average
	Decibels (dB)
45-500	56
501-700	57
701-1000	58
1001-1500	60
1501-2000	61
2001-2500	62
2501-3000	63
3001-4000	64
4001-5000	65
5001-6000	66
6001-7500	67
7501-10000	68

**Table 5. Insulation Test Levels**

KV Class	Induced Test 180 or 400 Hz 7200 Cycle	kV BIL Distribution	Applied Test 60 Hz (kV)
1.2	Twice Rated Voltage	30	10
2.5		45	15
5		60	19
8.7		75	26
15		95	34
25		125	40
34.5		150	50

**Table 6. Temperature Rise Ratings 0-3300 Feet (0-1000 meters)**

	Standard	Optional
Unit Rating (Temperature Rise Winding)	65 °C	55 °C, 55/65 °C, 75 °C
Ambient Temperature Max	40 °C	50 °C
Ambient Temperature 24 Hour Average	30 °C	40 °C
Temperature Rise Hotspot	80 °C	65 °C

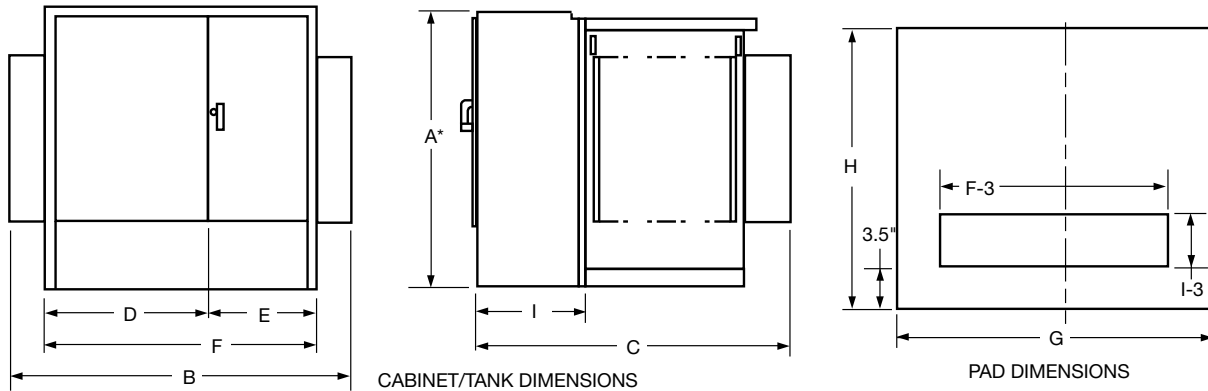


Figure 2. Transformer and pad dimensions.

\* Add 9" for Bay-O-Net fusing.

Table 7. Fluid-filled—aluminum windings 55/65 °C Rise<sup>1</sup>

65° Rise	DEAD-FRONT—LOOP OR RADIAL FEED—BAY-O-NET FUSING OIL FILLED—ALUMINUM WINDINGS										Gallons of Fluid	Approx. Total Weight (lbs.)
	OUTLINE DIMENSIONS (in.)											
kVA Rating	A*	B	C	D	E	F	G	H	I			
45	50	68	39	42	26	68	72	43	20	110	2,100	
75	50	68	39	42	26	68	72	43	20	115	2,250	
112.5	50	68	49	42	26	68	72	53	20	120	2,350	
150	50	68	49	42	26	68	72	53	20	125	2,700	
225	50	72	51	42	30	72	76	55	20	140	3,150	
300	50	72	51	42	30	72	76	55	20	160	3,650	
500	50	89	53	42	30	72	93	57	20	190	4,650	
750	64	89	57	42	30	72	93	61	20	270	6,500	
1000	64	89	59	42	30	72	93	63	20	350	8,200	
1500	73	89	86	42	30	72	93	90	24	410	10,300	
2000	73	72	87	42	30	72	76	91	24	490	12,500	
2500	73	72	99	42	30	72	76	103	24	530	14,500	
3000	73	84	99	46	37	84	88	103	24	620	16,700	
3750	84	85	108	47	38	85	88	112	24	660	19,300	
5000	84	96	108	48	48	96	100	112	24	930	25,000	
7500	94	102	122	54	48	102	100	126	24	1,580	41,900	

<sup>1</sup> Weights, gallons of fluid, and dimensions are for reference only and not for construction. Please contact Eaton for exact dimensions.

\* Add 9" for Bay-O-Net fusing.

Table 8. Fluid-Filled—Copper Windings 55/65 °C Rise<sup>1</sup>

65° Rise	DEAD-FRONT—LOOP OR RADIAL FEED—BAY-O-NET FUSING OIL FILLED—COPPER WINDINGS										Gallons of Fluid	Approx. Total Weight (lbs.)
	OUTLINE DIMENSIONS (in.)											
kVA Rating	A*	B	C	D	E	F	G	H	I			
45	50	64	39	34	30	64	69	43	20	110	2,100	
75	50	64	39	34	30	64	69	43	20	115	2,350	
112.5	50	64	49	34	30	64	69	53	20	115	2,500	
150	50	64	49	34	30	64	69	53	20	120	2,700	
225	50	64	51	34	30	64	73	55	20	140	3,250	
300	50	64	51	34	30	64	75	55	20	160	3,800	
500	50	81	53	34	30	64	85	57	20	200	4,800	
750	64	89	57	42	30	72	93	61	20	255	6,500	
1000	64	89	59	42	30	72	93	63	20	300	7,800	
1500	73	89	86	42	30	72	93	90	24	410	10,300	
2000	73	72	87	42	30	72	76	91	24	420	11,600	
2500	73	72	99	42	30	72	76	103	24	500	14,000	
3000	73	84	99	46	37	84	88	103	24	720	18,700	
3750	84	85	108	47	38	85	88	112	24	800	20,500	
5000	84	96	108	48	48	96	100	112	24	850	25,000	
7500	94	102	122	54	48	102	100	126	24	1,620	46,900	

<sup>1</sup> Weights, gallons of fluid, and dimensions are for reference only and not for construction. Please contact Eaton for exact dimensions.

\* Add 9" for Bay-O-Net fusing.



# PHOENIX FENCE

## EDMONTON

12816-156 STREET T5V 1E9  
 PHONE: (780) 447-1919  
 FAX: (780) 447-2512  
 TOLL FREE: 1-800-661-9847  
 E-MAIL: phoenix@phoenixfence.ca

## CALGARY

6204-2nd STREET S.E. T2H 1J4  
 PHONE: (403) 259-5155  
 FAX: (403) 259-2262  
 TOLL FREE: 1-888-220-2525  
 E-MAIL: calgary@phoenixfence.ca

WEBSITE: www.phoenixfence.ca

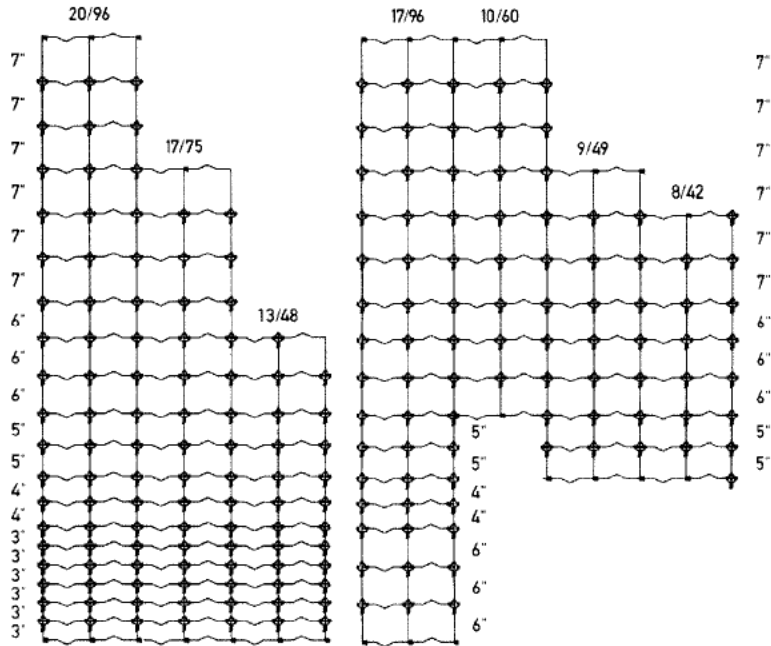
## Fixed Knot Fence Specifications

Wire	Gauge	Tensile Strength	Breaking Load	Galvanization
Line Wires	12 1/2 ga.	Hi-Tensile 179K-210K	1350 lbs – 1584 lbs	.85 oz.-1.4oz. per sq.ft.
Stay Wires	12 1/2 ga.	Med-Tensile 125K-145K	943 lbs – 1094 lbs	.85 oz.-1.4oz. per sq.ft.
Knot Wires	13 ga.	Low Tensile 72K-95K	438 lbs – 580 lbs	.85 oz.-1.4oz. per sq.ft.

Wire Type	Length	Weight
20/96/6	330'	386 lbs
20/96/6	500'	585 lbs
20/96/12	330'	276 lbs
20/96/12	660'	552 lbs
17/96/6	330'	346 lbs
17/96/6	500'	525 lbs
17/96/12	330'	247 lbs
17/75/6	330'	318 lbs
17/75/12	330'	229 lbs
10/60/6	330'	205 lbs
10/60/12	660'	293 lbs
9/49/12	660'	256 lbs
13/48/6	330'	220 lbs
8/42/12	660'	220 lbs

### Order Nomenclature:

The first number indicates the number of horizontal wires, while the second number indicates the height of the fence. The last number is the distance between vertical stays.  
 Eg. 20/96/12 is a roll with 20 horizontal wires, is 96" high, with vertical stays 12" apart



### FIXED-KNOT fencing is designed

specifically for wildlife and is not a domestic livestock fence being used as a wildlife fence. Here is the ultimate in fencing for all animals, large or small, wild or domestic. FIXED-KNOT, a North American product, gives excellent control for animal containment, exclusion and protection from predators.

FIXED-KNOT Hi-Tensile fencing is the best of its kind. Exceeding Class 3 galvanizing assures three times the life over conventional hinge joint fencing. The combination of Hi-Tensile wire (which provides three times the strength of conventional 12 1/2 ga. Wire) and fixed knot vertical stays allow fence installation using 20' post centers.

### FIXED-KNOT vs. Hinge lock

Fixed lock (game fence) has continuous horizontal (line) and vertical (stay) wires, and the wires are fastened together using a fixed lock knot. Hinge lock (farm fence) has continuous horizontal (line) wires and vertical wires that are wrapped between the line wires using a hinge lock. The fixed knot is considerably stronger

