

**MINUTES FOR APRIL 14, 2014**  
**BOARD OF CHEROKEE COUNTY COMMISSIONERS**  
**CHEROKEE COUNTY, KANSAS**

**CONVENE**

Commissioner Hilderbrand called the regular session of the Cherokee County Board of Commissioners (The Board), to order and led all in attendance in the Pledge of Allegiance at 9:00 AM on Monday, April 14, 2014 in the Commission Room, #109 of the Cherokee County Courthouse located at 110 W Maple St., Columbus, Kansas. Commissioners Richard Hilderbrand, Charles Napier, Pat Collins, and Susan Jones of the Clerk's Office for the purpose of taking the minutes were present. County Clerk Rodney Edmondson is in Wichita for a week long certification class.

Members of the press present: Larry Hiatt, Machel Smith, and Shawnda Qualls

Chairman Hilderbrand welcomed the students and staff from the Weir Elementary School. The students lead all in attendance in the Pledge of Allegiance.

Attending from Weir Elementary: Tammie Hall, Stephanie Combs, Devin Williams, Daphne Tavernaro, Macy McReynolds, Ethan Becker, Tanner Wise, Zoey Tavernaro, Jacob Sullivan, Josh Christmas, Jakob Tavernaro, Liberty Gregory, Jace Coltrane, Skylar Zortz, and Gabby Turpen.

**Leonard Vanatta - County Road Supervisor**

**Gene Langerot - County Lot Supervisor**

They appeared before the Board on routine county road business. Leonard reported that the bridge project on Hwy 166 is finished and the highway is open for traffic. Gene reported that the new fuel pumps have been installed and are working fine. Gene made a recommendation to accept the bid from S&H Farm Supply for a new tractor.

Chairman Hilderbrand made a motion to accept the bid from S&H Farm Supply for a new tractor at a cost of \$66,925 on Gene and Leonard's recommendation. The motion was seconded by Commissioner Napier. The motion carried 3-0 with all voting yes.

**Jess Larison - B.A.C.A. (Bikers Against Child Abuse)**

They appeared before the Board at their invitation in honor of April being Child Abuse Prevention Month. They provided the Board with cards and flyers and read their organizations Mission Statement. Their purpose is to make themselves available to visit children that are victims of abuse, by invitation only. All members are non-paid volunteers and must pass background checks prior to being made a member. Their meetings are open to the public on the 3<sup>rd</sup> Sunday of each month at 1:00 PM at the American Legion in Pittsburg. They invited the Board to attend anytime. The Board thanked them for the work that they do.

The Board took a five minute recess at 9:55 AM.

The meeting reconvened at 10:02 AM.

A motion was made by Commissioner Collins to approve the Minutes of the April 7, 2014 BOCC Meeting as written. The motion was seconded by Commissioner Napier. The motion carried 3-0 with all voting yes.

Deputy County Clerk Paula Cheney appeared before the Board to provide an update on the Regional Officials Meeting set for April 24<sup>th</sup>. The Board discussed speakers, meeting places and transportation for the Commissioners to tour the Spring River Water District.

A motion was made by Commissioner Collins to approve the Mid-Month Accounts Payables for April, 2014. The motion was seconded by Commissioner Napier. The motion carried 3-0 with all voting yes.

Chairman Hilderbrand stated that County Counselor Kevin Cure had faxed the contract with American Title Co. to do all the research for the next County Tax Sale for the Board to consider.

A motion was made by Chairman Hilderbrand to accept the contract with American Title Co. to do title searches for the County Tax Sale. The motion was seconded by Commissioner Napier. The motion carried 3-0 with all voting yes.

#### **Betha Elliott - Health Department**

She appeared before the Board along with representatives from CDL Electric Co. Inc. regarding installation of a generator at the Health Department to cover the computers, telephones, and appliances during a power outage. The Board approved Betha's recommendation to install a 48K Generac Generator and additions from CDL Electric Co. at a cost \$33,753.14.

#### **Juanita Hodgson - County Treasurer**

She appeared before the Board to discuss the anti-virus software renewal with Stronghold Data. They pointed out that if the county signs the contract with Stronghold, the anti-virus fees are included in the contract costs.

The Board discussed the proposals from Corporate Business Solutions and Stronghold Data with the county employees and officials that were present.

A motion was made by Chairman Hilderbrand to accept the Contract for IT Services with Stronghold Data with strong encouragement for customer service. The motion was seconded by Commissioner Napier. The motion carried 3-0 with all voting yes.

Under Sheriff Terry Clugston appeared before the Board with a quote to replace a repeater at the Law Enforcement Center. It would be purchased using 911 Funds. The Board signed the purchase order. He also presented a maintenance agreement for the dispatch voice recorder to be paid from 911 Funds.

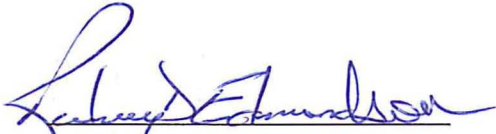
#### **Brian Hilliar - Benefit Health Advisor**

He appeared before the Board along with members of the Health Insurance Committee, to provide an update on the county Health Insurance Plan. He reported that costs are down about 8% compared to the same period last year. This was the second year in a row that costs are down for the same period. The Aetna network is providing an average discount of 35.4%.

The Board thanked him for the items that were donated for the upcoming regional meeting.

Commissioner Hilderbrand made a motion to adjourn until the next regularly scheduled meeting set for April 21, 2014 at 9:00 AM. The motion was seconded by Commissioner Napier. The motion carried 3-0 with all in attendance voting yes at 12:07 PM.

**ATTEST: Resolved and ordered this day, April 21, 2014**

  
Cherokee County Clerk

  
Commissioner

  
Commissioner

  
Commissioner



*First American*

*First American Title Company*

#### AGREEMENT REGARDING INFORMATIONAL REPORTS

This Agreement Regarding Informational Reports ("Agreement") is entered into as of March 31, 2014 ("Effective Date"), by and between FIRST AMERICAN TITLE INSURANCE COMPANY, a California corporation ("First American") and Board of County Commissioners, Cherokee County, Kansas, a Government Office ("Customer").

#### RECITALS

- A. Customer desires to obtain certain informational reports provided by First American.
- B. First American provides such informational reports for a fee and with certain limitations set forth in this Agreement.
- C. The parties hereto desire to set forth their entire agreement with respect to the informational reports provided by First American to Customer.

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

#### 1. **Services.**

(a) From time to time, Customer may order informational reports from First American ("Informational Reports"). Such Informational Reports may include (without limitation) radius reports, foreclosure reports, certificates of title, chains of title, ownership and encumbrance reports, and any similar reports that provide data relating to real or personal property or are compiled in whole or in part from records of governmental sources, records of First American, or otherwise, and that are not expressly described on the faces thereof as title insurance policies, guaranties, title insurance commitments or their equivalents. Without limiting the previous sentence, any report containing the Limitation of Liability set forth below shall be deemed an Informational Report under this Agreement.

(b) First American agrees to provide such Informational Reports to Customer from time to time for a charge via invoice (for tax sale tracks charge will be \$100) to be provided in the normal delivery method used with Customer, and Customer agrees to pay the invoice within Ninety (90) days of receipt.

2. **Limitation of Liability.** First American and Customer intend and agree that all Informational Reports shall contain the disclaimer attached hereto and incorporated herein, or language materially and substantially similar thereto (the "Limitation of Liability") on the face of the Informational Report. The Limitation of Liability is hereby incorporated into this Agreement and every Informational Report issued to Customer hereunder as an essential term of the parties' agreement regarding the Informational Reports, and Customer acknowledges and agrees to accept the Informational Reports subject to the Limitation of Liability. Customer agrees that all Informational Reports shall be deemed to include the Limitation of Liability even if an Informational Report fails to display the Limitation of Liability.

3. **Termination of Agreement.** The term of this Agreement commences on the Effective Date and continues until terminated by notice in writing delivered to the following addresses:

Limitation of Liability for Informational Report

**IMPORTANT - READ CAREFULLY:** THIS REPORT IS NOT AN INSURED PRODUCT OR SERVICE OR A REPRESENTATION OF THE CONDITION OF TITLE TO REAL PROPERTY. IT IS NOT AN ABSTRACT, LEGAL OPINION, OPINION OF TITLE, TITLE INSURANCE COMMITMENT OR PRELIMINARY REPORT, OR ANY FORM OF TITLE INSURANCE OR GUARANTY. THIS REPORT IS ISSUED EXCLUSIVELY FOR THE BENEFIT OF THE APPLICANT THEREFOR, AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PERSON. THIS REPORT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT FIRST AMERICAN'S PRIOR WRITTEN CONSENT. FIRST AMERICAN DOES NOT REPRESENT OR WARRANT THAT THE INFORMATION HEREIN IS COMPLETE OR FREE FROM ERROR, AND THE INFORMATION HEREIN IS PROVIDED WITHOUT ANY WARRANTIES OF ANY KIND, AS-IS, AND WITH ALL FAULTS. AS A MATERIAL PART OF THE CONSIDERATION GIVEN IN EXCHANGE FOR THE ISSUANCE OF THIS REPORT, RECIPIENT AGREES THAT FIRST AMERICAN'S SOLE LIABILITY FOR ANY LOSS OR DAMAGE CAUSED BY AN ERROR OR OMISSION DUE TO INACCURATE INFORMATION OR NEGLIGENCE IN PREPARING THIS REPORT SHALL BE LIMITED TO THE FEE CHARGED FOR THE REPORT. RECIPIENT ACCEPTS THIS REPORT WITH THIS LIMITATION AND AGREES THAT FIRST AMERICAN WOULD NOT HAVE ISSUED THIS REPORT BUT FOR THE LIMITATION OF LIABILITY DESCRIBED ABOVE. FIRST AMERICAN MAKES NO REPRESENTATION OR WARRANTY AS TO THE LEGALITY OR PROPRIETY OF RECIPIENT'S USE OF THE INFORMATION HEREIN.



**First American**

*First American Title Company*

*200 W Pine Columbus, KS 66725  
620-429-2646 - 866-451-5093*

**APPLICATION AND AGREEMENT FOR INFORMATIONAL REPORT**

Applicant: Board of County Commissioners, Cherokee County, Kansas

Applicant Address: 110 W Maple St., Columbus, KS 66725

Applicant Phone: 620-429-3256 Applicant Email: \_\_\_\_\_

Applicant Fax: \_\_\_\_\_ Date of Application: March 31, 2014

File / Reference Number: cktaxsale

Subject Property: multiple tracts within Cherokee County, Kansas

Informational Report: vested owner; judgments; liens; encumbrances and/or clouds on title

Special Instructions: no easements, delinquent taxes and/or other matters; said reports will be provided for the agreed upon fee of \$100.00 per tract for the 2014 tax sale

Delivery Method (email, fax, etc.): fax and/or email

By this Application and Agreement for Informational Report (this "Application"), Applicant requests that First American Title Insurance Company (the "Company") provide the Informational Report by the Delivery Method. The Company will charge Applicant for the Informational Report via invoice provided by the Delivery Method specified above, and Applicant agrees to pay the invoice within Ninety (90) days of receipt. Applicant acknowledges and agrees that the Informational Report is provided for the sole use and benefit of Applicant and may not be used or relied upon by any other party. Applicant acknowledges and agrees that the Company's liability for the Informational Report will be limited as set forth in the limitation of liability attached to this Application and that the Company would not issue the Informational Report but for this limitation of liability. This Application constitutes the entire agreement between Applicant and the Company with respect to the Informational Report, and may not be modified except by a written agreement signed by both Applicant and the Company. This Application shall be governed by the laws of the State of California.

Applicant:

If a natural person:

If an entity:

Name: \_\_\_\_\_

Board of County Commissioners, Cherokee County, Kansas

By: *Richard Heiderbrand*

Name: Richard Heiderbrand

Title: County Commissioner

Customer: Board of County Commissioners, Cherokee County, Kansas, 110 W Maple St., Columbus, KS 66725

First American: 200 W Pine, Columbus, Kansas, 66725 Attn: Samantha Hall, Licensed Abstracter

- 4. Modifications or Amendments to Agreement. This Agreement constitutes the entire agreement between First American and Customer. Any modifications or amendments to this Agreement must be in writing and signed by the parties hereto.
- 5. **Waiver.** No term or provision of this Agreement shall be deemed waived and no breach excused unless such waiver or consent be in writing and signed by the parties hereto. No waiver by any party is deemed to be a waiver of any preceding or succeeding breach of the same or any other term or provision.
- 6. **Relationship of Parties.** Customer and First American acknowledge that this is a business relationship based on the express provisions of this Agreement and no partnership, joint venture, agency, fiduciary, or employment relationship is intended or created by this Agreement.
- 7. **No Third Party Beneficiaries.** Customer acknowledges and agrees that the Informational Reports are for the sole use and benefit of Customer and may not be relied upon by any other party.
- 8. **Authority.** First American and Customer each respectively represent to the other than the execution, delivery and performance of this Agreement has been duly approved by all necessary actions, and that this Agreement does not conflict with, or result in a material breach of, the organizational or governing documents of such party or any material agreement by which such party is bound. First American and Customer each respectively represent to the other that the person executing this agreement on such party's behalf has full right, power, and authority to execute this agreement and bind First American or Customer, respectively. This Agreement has been duly executed and constitutes a valid and legally-binding obligation of such party enforceable in accordance with its terms.
- 9. **Governing Law.** This Agreement shall be governed by the laws of the State of California.

IN WITNESS WHEREOF, Customer and First American have executed this Agreement as of the Effective Date first set forth above.

Customer: Board of County Commissioners, Cherokee County, Kansas

*[Handwritten signatures of three individuals]*

First American: FIRST AMERICAN TITLE INSURANCE COMPANY

By:  
Name: Samantha Hall  
Title: Licensed Abstracter

Limitation of Liability for Informational Report

**IMPORTANT - READ CAREFULLY:** THIS REPORT IS NOT AN INSURED PRODUCT OR SERVICE OR A REPRESENTATION OF THE CONDITION OF TITLE TO REAL PROPERTY. IT IS NOT AN ABSTRACT, LEGAL OPINION, OPINION OF TITLE, TITLE INSURANCE COMMITMENT OR PRELIMINARY REPORT, OR ANY FORM OF TITLE INSURANCE OR GUARANTY. THIS REPORT IS ISSUED EXCLUSIVELY FOR THE BENEFIT OF THE APPLICANT THEREFOR, AND MAY NOT BE USED OR RELIED UPON BY ANY OTHER PERSON. THIS REPORT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT FIRST AMERICAN'S PRIOR WRITTEN CONSENT. FIRST AMERICAN DOES NOT REPRESENT OR WARRANT THAT THE INFORMATION HEREIN IS COMPLETE OR FREE FROM ERROR, AND THE INFORMATION HEREIN IS PROVIDED WITHOUT ANY WARRANTIES OF ANY KIND, AS-IS, AND WITH ALL FAULTS. AS A MATERIAL PART OF THE CONSIDERATION GIVEN IN EXCHANGE FOR THE ISSUANCE OF THIS REPORT, RECIPIENT AGREES THAT FIRST AMERICAN'S SOLE LIABILITY FOR ANY LOSS OR DAMAGE CAUSED BY AN ERROR OR OMISSION DUE TO INACCURATE INFORMATION OR NEGLIGENCE IN PREPARING THIS REPORT SHALL BE LIMITED TO THE FEE CHARGED FOR THE REPORT. RECIPIENT ACCEPTS THIS REPORT WITH THIS LIMITATION AND AGREES THAT FIRST AMERICAN WOULD NOT HAVE ISSUED THIS REPORT BUT FOR THE LIMITATION OF LIABILITY DESCRIBED ABOVE. FIRST AMERICAN MAKES NO REPRESENTATION OR WARRANTY AS TO THE LEGALITY OR PROPRIETY OF RECIPIENT'S USE OF THE INFORMATION HEREIN.



# Introducing B.A.C.A.



You hear a rumble in the distance. You feel the ground trembling beneath your feet, and then you see them: B.A.C.A.

They park their motorcycles and introduce themselves. With a short ceremony a child is "adopted" into the B.A.C.A. family. Within a few minutes bonds are formed between a child in need and their new family. Another child will now be empowered by the support B.A.C.A. brings into his/her life.

B.A.C.A. takes a firm stand against all forms of child abuse to include physical, sexual, emotional and child porn.



## *After the Initial Visit*

B.A.C.A. offers continuing support.

Two B.A.C.A. Members are assigned as the child's primary contact. They will remain in close contact with the child. B.A.C.A. supports each child based upon their individual needs and the needs of the family. Some of these services may include: physical presence at the home, visiting the child at school, therapy needs, etc.

B.A.C.A. is available to accompany your child to court and parole hearings.

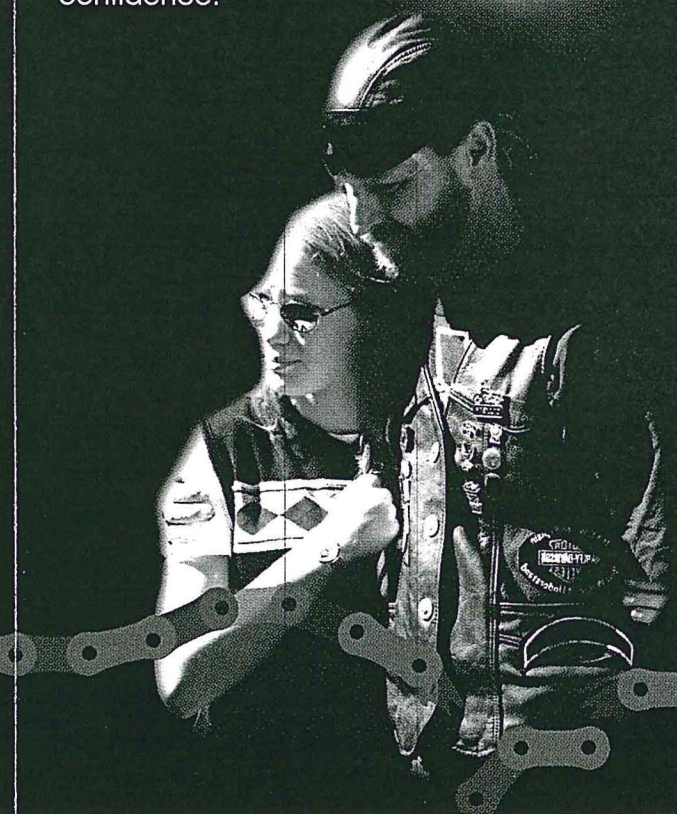
B.A.C.A. maintains a therapy fund for children needing assistance.

## *We Make a Difference*

We have documented the following behaviors in the children we support:

- Improved Self Confidence
- Diminished Regressive Behavior
- Increased Feeling of Safety
- Empowerment to Testify
- Better Communication
- Reduced Feeling of Guilt
- Decreased Negative Behaviors
- A Sense of Belonging, Acceptance Independence and Much More

It has been our observation that wounded children having the benefit of a B.A.C.A. presence in their lives are far more likely to disclose their abuse. We help in the child's healing process to restore self-worth and confidence.



# Why is there a need for **B.A.C.A.?**

B.A.C.A. was founded by John Paul "Chief" Lilly.

"Chief" is a Licensed Clinical Social Worker, Registered Play Therapist/Supervisor, and Part-time faculty at Brigham Young University. The majority of his twenty plus years of practice has been spent in the treatment of abused children.

"Chief" was aware that the "System" offered much in the way of helping a child's healing process, yet, there were still shortcomings and limitations to keeping the children safe.

Even with Court involvement to protect children from further abuse by the issuance of protective orders and the removal of perpetrators from neighborhoods, it is physically impossible for law enforcement officials to provide protection for these children twenty-four hours a day, indefinitely. Child perpetrators are fully aware of this and continue to find ways to access and further harm their victims.

Many children that are abused do not qualify for therapy funding. Reasons vary, but the most common are: cases that did not meet the basic requirements of the rules of evidence, and are summarily closed or a child that has obviously been abused and is too frightened to provide enough evidence for the case to be pursued. "Chief" notes that children who feel safe and protected are more capable and likely to tell the truth regarding their abuse because threats made by an abuser are offset by the presence of dedicated protective bikers that have now become family.



## Mission Statement

### **BIKERS AGAINST CHILD ABUSE.**

(B.A.C.A.) exists with the intent to create a safer environment for abused children. We exist as a body of bikers to empower children to not feel afraid of the world in which they live. We stand ready to lend support to our wounded friends by involving them with an established, united organization. We work in conjunction with local and state officials who are already in place to protect children. We desire to send a clear message to all involved with the abused child that this child is part of our organization, and that we are prepared to lend our physical and emotional support to them by affiliation, and our physical presence. We stand at the ready to shield these children from further abuse. We do not condone the use of violence or physical force in any manner, however, if circumstances arise such that we are the only obstacle preventing a child from further abuse, we stand ready to be that obstacle.



*Keepers of the Children™*

Info. Line  
1-866-71-ABUSE [www.bacausa.com](http://www.bacausa.com)

# CDL

Electric Co. Inc.

# ELECTRIC



## COMMITMENT

Since 1964, CDL Electric has been serving the Kansas, Missouri, and Oklahoma area as a commercial, industrial, and residential electrical contractor. With nearly 50 years of experience, CDL Electric can handle projects encompassing a broad range of project sizes and technical complexities.

## QUALITY AND EXPERIENCE

CDL Electric employs skilled electricians trained to deliver quality installation using the latest techniques and technologies. CDL Electric believes that in order to better serve our customers, it is critical to understand their needs before the project is started. Most importantly, CDL Electric personnel are trained to communicate with the client throughout the project to assure that the work performed is satisfactory. CDL Electric will continue to communicate with the client until the project is completed on time and on budget.

## CDL ELECTRIC OFFERS THE FOLLOWING SERVICES:

- **Commercial, industrial & residential wiring**
- **Generac generators for commercial, industrial & residential**
- **Electrical troubleshooting**
- **Parking lot lighting & sports lighting**
- **Energy saving analysis**
- **Highway lighting**
- **Electrical design & consultation services**

**Serving Kansas,  
Missouri, and  
Oklahoma**

**24 Hour a Day  
7 Days a Week  
Emergency  
Services**

**Electrical  
Installation,  
Maintenance,  
Troubleshooting  
and Repair**

**Energy Saving  
Analysis and  
Implementation**

**Design and  
Consulting Services**

**CDL**  
Electric Co. Inc.  
CDL-ELECTRIC.COM

PITTSBURG & SE KANSAS  
620.231.6420

FORT SCOTT  
620-223-0333

NEVADA  
417-667-3289

PARSONS  
620-717-4118

# QUIETSOURCE® SERIES 22-48 kW AUTOMATIC STANDBY GENERATORS



*The premium in home and  
business backup power protection*



#### **Smart, User Friendly Controls**

Control generator diagnostics and get information at a glance with Generac's user-friendly Nexus™ Controller—the most comprehensive available.



#### **Premium, Quiet Commercial Engines**

These engines run at 1800 rpm for ultra-quiet operation. They are built for the rigors of generator use, providing the reliability needed to power through even the most severe power outages.



#### **Remote Monitoring from the Comfort of Home**

Wireless remote monitors (sold separately) allow you to observe generator status, set operation parameters and more—all without leaving the comfort of your home.



#### **Premium Aluminum Enclosures with RhinoCoat Finish**

Aluminum provides the ultimate protection from the elements. Add our RhinoCoat™ finish system that evenly joins paint particles to the metal surface for consistent coverage and you have exceptional protection on both the generator enclosure and the base frame.

#### **Premium Features Paired with Extra Quiet Operation**

Premium features are standard on Generac's powerful QuietSource automatic standby generators. Ideal for larger homes and small to medium businesses, these commercial grade generators will keep your family, home and assets protected 24/7 from the potential dangers of a power outage. They start automatically in the event of a power outage and are fueled by the existing fuel supply.

# 22-48 KILOWATTS



**Ideal for homes requiring higher kW backup** for amenities such as additional living areas, garages and air conditioners, pools, greenhouses, guest houses, mother-in-law suites, medical needs and more. Businesses gain a competitive advantage from the backup power of a QuietSource generator—restaurants, gas stations and other small and medium sized businesses can remain open for business while competitors have to shut down.

- Powered by Generac's powerful, low-speed, liquid cooled engine, engineered to run at only 1800 rpm for a substantially quieter generator, consuming less fuel and giving both the engine and alternator a longer life
- Easily connects to existing LP or natural gas fuel supply; quickly convert in the field for up to 45kW
- Packs more power into a smaller footprint than competitive models
- Aluminum enclosure with RhinoCoat™ finish for superior weather protection
- UL 2200 listed, meets EPS regulations, CA/MA emission compliant

Rated Power (liquid propane/natural gas)	22/22 kW	27/25 kW	36/35 kW	48/48 kW	48/48kW
Generator Model#	QT02224ANAX	QT02724ANAX	QT03624ANAX	QT04854ANAX	QT04854ANAC
Voltage (Single Phase)	240V				
Amps @ 240V LPG	92	112	150	200	200
Amps @ 240V NG	92	104	146	200	200
Engine/Alternator RPM	1800/1800				
Engine	In-Line 4-Cylinder			V-8	
Fuel Consumption @ full load LPG cu. ft/hr (gal.hr)	125 (3.4)	143 (3.9)	200 (5.5)	302 (7.96)	302 (7.96)
Fuel Consumption @ full load NG cu. ft/hr (gal.hr)	316	359	503	756	756
Quiet-Test Mode	Yes				
db(A) at exercise	61	61	58	63	63
db(A) at normal operating load	70	70	64	68	68
Automatic Transfer Switch	Not included				
Enclosure	Aluminum				
Enclosure Color	Gray				
Warranty	2 Year Limited				
Dimensions (L" x W" x H")	62.2 x 29 x 33.5			77 x 33.5 x 45	
Weight (lbs.)	843	891	1271	1516	
SCAQMD Model	•	•	n/a	n/a	•

## Nationwide Dealer Service Network

Generac's commitment to service includes scheduled maintenance programs, warranty assistance and emergency service to ensure that Generac customers are never left powerless. The largest nationwide dealer network has factory trained technicians on staff and maintains large inventories of Generac parts, components and accessories. Find a dealer near you at [generac.com](http://generac.com).

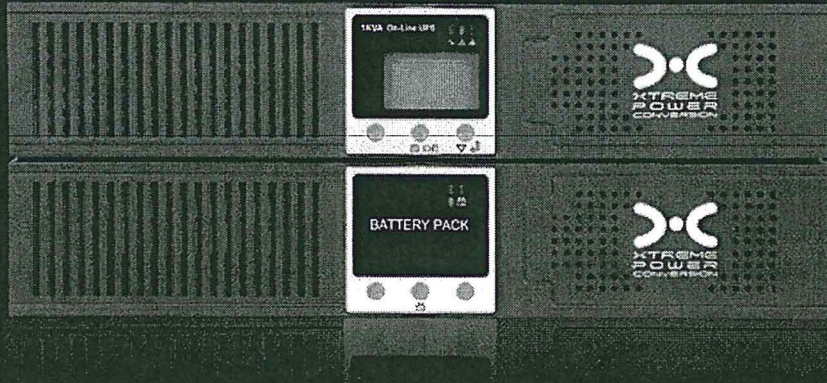


Bulletin 0193270SBY Rev. 8/2012  
©2012 Generac Power Systems, Inc. All rights reserved.  
Specifications are subject to change without notice

Generac Power Systems, Inc.  
S45 W29290 Hwy. 59  
Waukesha, WI 53189

[generac.com](http://generac.com) 1-888-GENERAC (1-888-436-3722)

# NXRT Network Xtreme Rack Tower Series UPS

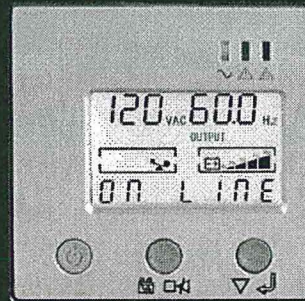


The Network Xtreme Rack Tower Series (NXRT) Uninterruptible Power Supply (UPS) provides tower-mount, rack-mount, and wall-mount in one configuration. Users can feel confident that the NXRT will fit virtually anywhere in their network. The NXRT Series is comprised of four models: 1000VA, 1500VA, 2000VA, and 3000VA, providing network grade power delivered via on-line double-conversion technology. A three year full warranty is included. Extended

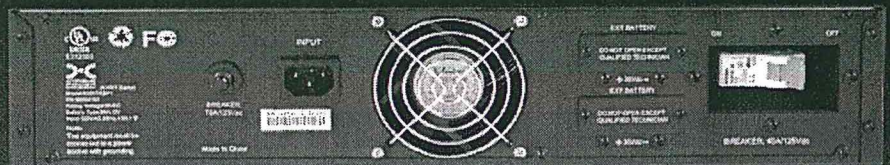
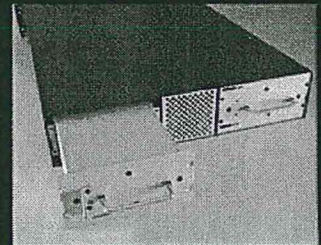
runtimes of up to 18 hours via the self-charging extended battery packs means that you can increase the runtime as much as desired. The NXRT Series UPS is the perfect choice for critical business servers, point of sale equipment, telephony and data networks.

- **On-Line Technology**  
Ensures compatibility with all connected equipment
- **3 Year Warranty including UPS & Battery**
- **Almost Infinite Scalable Runtime**  
As much as 18 hours of battery runtime  
Each battery pack has its own charger
- **Multi Form Factor**  
Tower / Rack-mounting or Wall-mounting saves space
- **Multiple Communications Capability**  
RS232 & SNMP
- **Emergency Power Off (EPO) Switch**  
Compliance with the highest application safety standards
- **Fast Battery Recharge**  
Typically less than 4 hours to recharge an endless supply
- **Low Noise & Less Power Consumption**  
"Smart Fan" speed control
- **Hot Swappable Battery Trays**  
Replaceable battery tray can be replaced with a load on the UPS
- **\$50,000 Load Protection Policy**  
Protection against damaged connected equipment

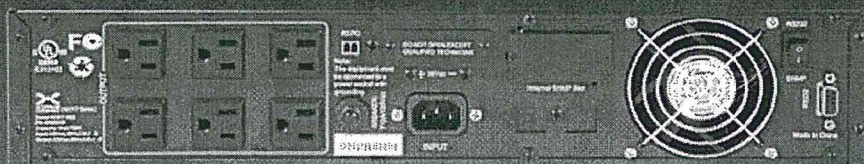
## Enterprise Grade LCD



## Replaceable Extended Battery Pack Trays



Extended Battery Pack 1 Rear View



NXRT-1000 UPS Rear View

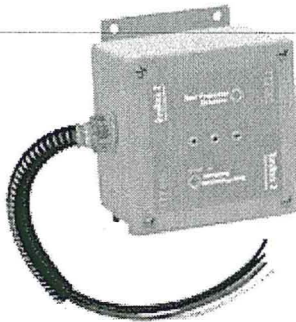
*Xtreme value, Xtreme performance, Xtreme reliability*



# NXRT SPECIFICATIONS

	120V MODEL	NXRT-1000	NXRT-1500	NXRT-2000	NXRT-3000				
INPUT	Voltage	120 VAC (80 - 138V at 100% load) 60-138V at 40% load							
	Capacity VA (W)	1000 VA (700 W)	1500 VA (1050 W)	2000 VA (1400 W)	3000 VA (2100 W)				
	Frequency	50/60 Hz auto sensing							
	Power Factor	≥ 0.97							
	Topology	True on-line, Double conversion, Input PF correction							
OUTPUT	Voltage	120 VAC							
	Frequency	50/60 Hz auto sensing							
	Wave Form	Sine wave, zero transfer time							
	Load Power Factor	0.7							
	Efficiency AC/DC/AC	≥ 90%							
	Auto Restart	Yes							
	Start on Battery	Yes							
	Rated Current	8.3 A	12.5 A	16.6 A	25 A				
	Overload Capacity	110-150% for 30 sec, ≥ 150% for 200 msec							
	Crest Factor	3:1 at full load							
BATTERY	Battery Type (UPS)	(3) 12V 9 AH / 36V		(4) 12V 7.2 AH / 48V		(8) 12V 7.2AH / 96V			
	Backup Time (minutes)*	1/2 LOAD	FULL LOAD	1/2 LOAD	FULL LOAD	1/2 LOAD	FULL LOAD	1/2 LOAD	FULL LOAD
	UPS	22	10	18	9	29	14	18	9
	+ (1) EBP	91	41	68	32	109	52	67	32
	+ (2) EBP	176	80	124	60	200	97	123	60
	+ (3) EBP	271	123	184	90	298	144	184	89
	+ (4) EBP	374	170	248	120	402	194	248	120
	+ (5) EBP	486	220	316	152	510	247	316	152
	Extended Battery Packs	EBP1		EBP2		EBP3			
	Battery Type (EBP)	2 strings of (3) 12V 9 AH / 36V		2 strings of (4) 12V 7.2 AH / 48V		2 strings of (8) 12V 7.2 AH / 96V			
Recharge Time	Typically < 4 hours								
PHYSICAL	Dimensions	W x D x H (inches)			W x D x H (inches)				
	Unit Dimensions	17.3" x 17.7" x 3.4"		17.3" x 25.6" x 3.4"		17.3" x 21.7" x 5.2"			
	Shipping Dimensions	22.3" x 23.5" x 9.2"		22.3" x 31.4" x 9.2"		22.3" x 27.4" x 11.0"			
	Unit Weight	39.7 lbs		57.3 lbs		79.4 lbs		81.6 lbs	
	Shipping Weight	60.7 lbs		68.4 lbs		91.6 lbs		93.7 lbs	
	Line Cord (6 ft.)	6-16P		6-16P		6-20P		L6-30P	
	Receptacles	(6) NEMA 5 - 15R			(1) NEMA L6-20R + (4) NEMA 5-20R		(1) NEMA L6-30R + (4) NEMA 5-20R		
	Communication Interface	RS-232 or SNMP (optional card)							
	Included in box	UPSILON CD, horizontal brackets, 5:1 brackets, manual, 6ft DB9 cable							
	ENVIRONMENT	Operating Temperature	0 - 40°C (32 - 104°F)						
Audible Noise		< 50dba at one meter							
Altitude		11,500 ft (3500 m) above sea level							
WARRANTY	Warranty	Three years electronics / Three years batteries							
APPROVALS	North America	UL eUL FCC							
INDICATORS & ALARMS	LCD Visual Display	Input/output voltage & frequency, on-line mode, back up mode, battery capacity, load level							
	Audible Alarm	Beep every 4 sec (on battery)							
	UPS Fault	Continuous beeping sound and LCD display							

## SYSTEM FEATURES



- Protects facilities and equipment against the harmful effects of lightning strikes and internally generated electrical transients
- Individually fused MOV's provide superior protection and continuous operation
- 200 kAIC short circuit current rating allows direct bus connection without the need of an upstream over-current protection device
- Includes pre-wired pigtail conductors to stream line installation
- Low profile design has an optional flush-mount plate for most units for in-wall recessed panel applications
- UL 1283 EMI/RFI filter
- Ultra Compact Footprint – makes installation flexible
- Enhanced Transient Filter for better protection of electronic loads
- 25-Year Unlimited Free Replacement Warranty
- Status indicator lights (LED)

## PRODUCT SPECIFICATIONS

### GENERAL SPECIFICATIONS

**Maximum Rated Surge Current:** 65kA per phase (32.5kA/mode)  
**Repetitive Surge Current Rating:** 3,000 impulses per mode based on actual test data (using ANSI/IEEE C62.41.1-2002 C3 combo wave)  
**Application:** ANSI/IEEE C62.41 Location C, B & A. Ideal for distribution panels, branch panels and critical loads  
**Design:** Hybrid parallel design with individual fused MOV's and UL 1283 EMI/RFI filter option  
**Warranty:** 25-Year Unlimited Free Replacement  
**Safety Listing:** UL 1449 3rd Ed., Type 1 for Type 1 & Type 2 locations and UL 1283

### ELECTRICAL SPECIFICATIONS

**Modes of Protection:** All modes: L-N, L-G, N-G & L-L  
**Input Power Frequency:** 47-63Hz  
**Connection Method:** Parallel to electrical distribution system  
**Response Time:** Less than 1 nanosecond  
**Standard Monitoring:** Status indicator lights (one per phase)  
**Short circuit Current Rating:** 200 kAIC – no upstream over-current protection device (breaker or fuse) required.

### MECHANICAL SPECIFICATIONS

**Dimensions (approx.):** 6"H x 6"W x 4"D for most units (160 mm H x 160 mm W x 102 mm D)  
 For models 480NN, 600NN, and 3Y600, approx. dimensions are 8"H x 6"W x 6"D  
**Enclosure:** Powder coated, impact-resistance steel, weather-proof NEMA 4 (IP56)  
**Connection:** Pre-wired with 30"(915 mm) of #10 AWG (5.26 mm<sup>2</sup>) conductor  
**Mounting:** Dual mounting flanges  
**Operating Environment:** -40° C to 70° C (-40° F to 160° F)  
 5% to 95% non-condensing humidity  
**Weight:** 10 lbs. (4.5 kg)

### AVAILABLE CONFIGURATIONS

Model Number	Description
TK-TT2-065-1P120-FL	120VAC, Single-Phase 2-wire + grd
TK-TT2-065-1P240-FL	240VAC, Single-Phase 2-wire + grd
TK-TT2-065-1S240-FL	120/240VAC, Split-Phase, 3-wire + grd
TK-TT2-065-3Y208-FL	120/208VAC, Three-Phase, 4-wire + grd
TK-TT2-065-3Y380-FL	220/380VAC, Three-Phase, 4-wire + grd
TK-TT2-065-3Y480-FL	277/480VAC, Three-Phase, 4-wire + grd
TK-TT2-065-3D240-FL	120/240VAC, 3 $\phi$ high-leg DELTA, 4-wire + grd (B phase must be 208V)
TK-TT2-065-240NN-FL	240VAC, Three-Phase, 3-wire + grd
TK-TT2-065-480NN-FL	480VAC, Three-Phase, 3-wire + grd
TK-TT2-065-600NN-FL	600VAC, Three-Phase, 3-wire + grd
TK-TT2-065-3Y600-FL	347/600VAC, Three-Phase, 4-wire + grd

### AVAILABLE OPTIONS

- Monitoring package (Form C dry relay contacts + audible alarm with mute button) : add suffix "-M"

**Stand-Alone Option (To Be Ordered as a separate Item)**

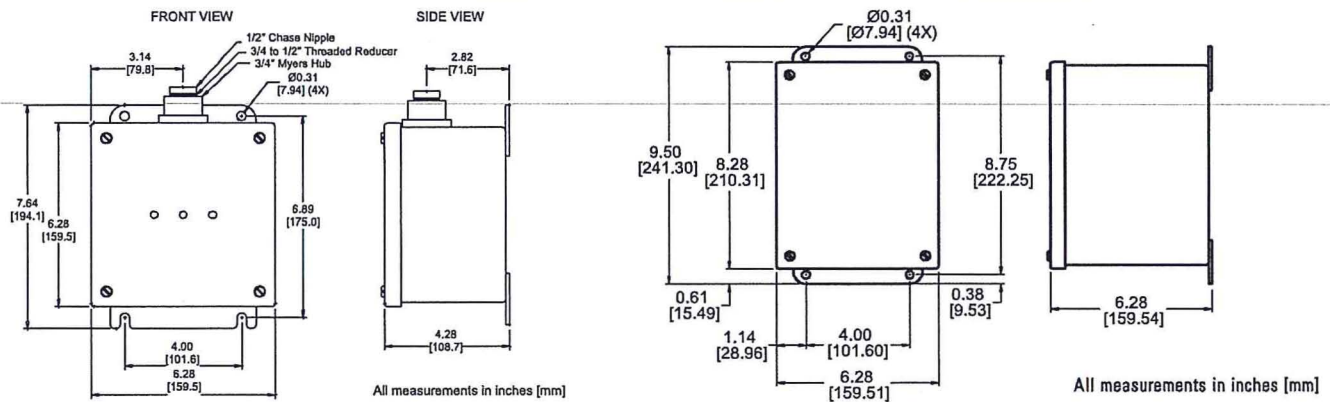
- TT2-FMP Flush-Mount Plate Kit  
(not available for 480 & 600 delta, and 347/600Y)

### EMI / RFI FILTER ATTENUATION – MIL STANDARD 220B

Max. Attenuation Frequency  
 40 dB @ 100 kHz







**ANSI/IEEE C62.41.1-2002, C62.41.2-2002, & C62.45-2002**  
**Measured Limited Voltage**

**UL Voltage Ratings**

Model Number	System Voltage	System Configuration	Protection Mode	MCOV	ANSI/IEEE C62.41.1-2002, C62.41.2-2002, & C62.45-2002 Measured Limited Voltage			UL 1449 2nd Edition/ UL 1449 3rd Edition Voltage Protection Ratings
					ETF Models A1 Ring Wave 2kV, 67A 180° Phase Angle	All Models B3/C1 Impulse Wave 6kV, 3kA 90° Phase Angle	All Models C3 Impulse Wave 20kV, 10kA 90° Phase Angle	
TK-TT2-065-P120-FL	120V	1-Phase 2-wire+grnd	L-N	150V	42V	590V	970V	400/600
			L-G	150V	541V	1160V	400/600	
			N-G	150V	765V	590V	1100V	400/600
TK-TT2-065-1P240-FL	240V	1-Phase 2-wire+grnd	L-N	320V	42V	1038V	1660V	800/1200
			L-G	320V	541V	1037V	1690V	800/1200
			N-G	320V	765V	1037V	1510V	800/1200
TK-TT2-065-1S240-FL	120/240V	Split-Phase 3-wire+grnd	L-N	150V	36V	590V	970V	400/600
			L-G	150V	283V	597V	1160V	400/600
			L-L	300V	56V	980V	1490V	800/1000
			N-G	150V	322V	590V	1100V	400/600
TK-TT2-065-3Y208-FL	120/208V	3-Phase WYE 4-wire+grnd	L-N	150V	36V	590V	970V	400/600
			L-G	150V	283V	597V	1160V	400/600
			L-L	300V	56V	980V	1490V	800/1000
			N-G	150V	322V	590V	1100V	400/600
TK-TT2-065-3Y380-FL	220/380V	3-Phase WYE 4-wire+grnd	L-N	320V	42V	1040V	1660V	800/1200
			L-G	320V	541V	1037V	1690V	800/1200
			L-L	640V	63V	1860V	2570V	1500/2000
			N-G	320V	765V	1035V	1510V	800/1200
TK-TT2-065-3Y480-FL	277/480V	3-Phase WYE 4-wire+grnd	L-N	320V	42V	1040V	1660V	800/1200
			L-G	320V	541V	1037V	1690V	800/1200
			L-L	640V	63V	1860V	2570V	1500/2000
			N-G	320V	765V	1035V	1510V	800/1200
TK-TT2-065-3D240-FL	120/240V	3-Phase high-leg DELTA 4-wire+grnd	L-N	150V	36V	598V	960V	400/600
			H-N	320V	39V	1041V	1326V	800/1200
			L-G	150V	283V	595V	1160V	400/600
			H-G	320V	735V	1042V	1495V	800/1200
			L-L	320V	31V	988V	1490V	800/1000
			H-L	470V	71V	1394V	1629V	1500/1500
			N-G	150V	303V	595V	860V	400/600
TK-TT2-065-240NN-FL	240V	3-Phase DELTA 3-wire+grnd	L-G	320V	525V	1039V	1500V	800/1200
			L-L	300V	60V	978V	1300V	800/1000
TK-TT2-065-480NN-FL	480V	3-Phase DELTA 3-wire+grnd	L-G	550V	919V	1591V	1882V	1500/1800
			L-L	550V	50V	1599V	1960V	1500/1800
TK-TT2-065-600NN-FL	600V	3-Phase DELTA 3-wire+grnd	L-G	750V	1265V	2223V	2433V	2000/2500
			L-L	750V	50V	2228V	2421V	2000/2500
TK-TT2-065-3Y600-FL	347/600V	3-Phase WYE 4-wire+grnd	L-N	420V	58V	1191V	1722V	1200/1200
			L-G	420V	982V	1170V	1794V	1200/1200
			L-L	720V	88V	2292V	2898V	2000/2500
			N-G	420V	948V	1197V	1624V	1200/1200

All tests performed with 6" (152 mm) lead length, positive polarity.  
All voltages are peak values (±10%) measured from the zero reference point at the phase angles referenced above using a 10 µs/div display rate and 500 Mega samples/sec sampling rate.  
Specifications subject to change without notice. See web site [www.TPSSurge.com](http://www.TPSSurge.com) for latest revisions.

# GENERAC®

GENERAC® ACCESSORIES

Mobile Link™

1 of 2

## Mobile *Link*™

Model 006463-1  
UPC: 696471064636



## Be in the Know When You're on the Go

Mobile Link is the new cellular remote monitoring system from Generac that lets you check your generator's status even when you're away. Using your computer, tablet or smart phone, Mobile Link provides a personalized web portal where you can view your generator's status, maintenance schedule, event history and much more. Get emails or text notifications the moment there is any change in your generator's status. Customize your notification settings to choose what type of alert you want to receive and how often. With Mobile Link, you will always know exactly what your generator is doing, or not doing, when you're on the go.

**Get peace of mind, get Mobile Link from Generac.**

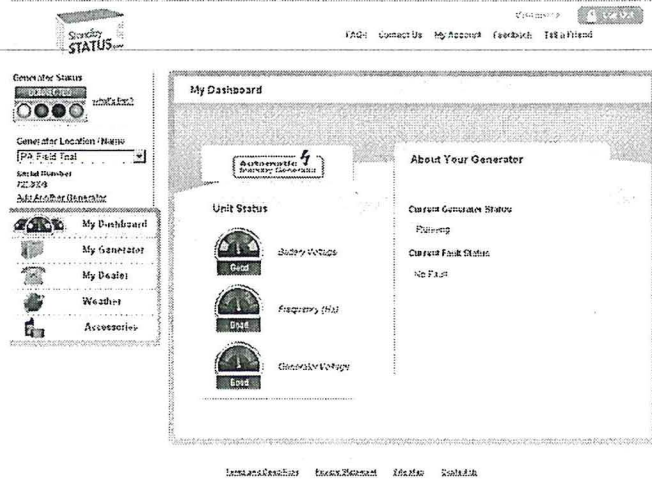
Note: Model 006478-0, Harness adapter kit, is required for use with liquid-cooled units.

# GENERAC®



## Mobile Link™

### Personalized Web Portal



- Current generator status
- Battery voltage
- Frequency during operation
- Adjustable maintenance schedule and log
- Remotely set exercise time
- Status history log
- Dealer locator
- Local weather updates

### Email or Text Notifications



Select which notifications you wish to receive and when:

- Notification of successful exercise
- Maintenance reminders
- Change in status (AUTO START/MANUAL START/OFF)
- Fault notifications
- Designate up to four different accounts to receive email and text notifications

### Compatibility

This system is compatible with air-cooled and liquid-cooled\* models that utilize the Nexus™ or Evolution™ controllers, as well as air-cooled product that utilizes a 2008 or newer LCD style controller. Mobile Link is available in the U.S. and Canada and is not compatible with EcoGen systems or with non-LCD style controllers, such as in CorePower systems.

\*Model 006478-0, Harness adapter kit, is required for use with liquid-cooled units.