


DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

 - Contract Admin
 (Name, Title)
Jerry L. Adkins Jr
 (Printed Name and Title)
2070 Winfield Rd St. Albans, WV 25177
 (Address)
304-755-8111 / 304-755-7544
 (Phone Number) / (Fax Number)
Jerry Lee Adkins@jefferds.com
 (email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

Jefferds Corporation
 (Company)


 (Authorized Signature) (Representative Name, Title)

JC Jefferds III / VP, Treasurer, Chairman
 (Printed Name and Title of Authorized Representative)

7/16/18
 (Date)

304-755-8111 / 304-755-8858
 (Phone Number) (Fax Number)

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WV PURCHASING
 DIVISION



JEFFERDS CORPORATION.....PROPOSAL CONTRACT

MATERIALS HANDLING SPECIALISTS SINCE 1947

514 29th STREET - P.O. BOX 1364 - PARKERSBURG, WV 26101

PHONE: (304) 422-6491 - TOLL FREE: (800) 511-5160 - FAX: (304) 422-6475 - EMAIL: www.jefferds.com - LICENSE #WV0002496

Bid Clerk
Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305
REF: WVDA FOOD DISTRIBUTION PROGRAM
TWO (2) END RIDER PALLET TRUCKS

Proposal number: 0718-174-04106
Date: July 16, 2017
FOB: Kinston, NC
Shipping: 12 weeks

WE PROPOSE TO FURNISH THE FOLLOWING EQUIPMENT SUBJECT TO THE TERMS AND CONDITIONS FOLLOWING THE BODY OF THIS PROPOSAL.

Two (2) New Crown PE 4500-60 End Rider Pallet Trucks with the following features:
6,000 lbs. capacity
Forks are 47.75" Long x 9.1" wide x 3.25" thick
Outside Fork spread is 27"; Fork spacing is 8.8"
24 Volt Electrical System
Crown's Access 1 2 3 Comprehensive System Control with AC Traction; Battery Discharge Indicator with Lift Lockout; hour meters and Event Codes
Standard Key Switch
Battery Box is 13.19" wide x 31.1" Long x 31.62" High with a maximum battery height of 31.62"
Gray SB175 Connector mounted on the right side of the unit
Manual Steering
Heavy Duty Articulating Independent Shim Free Polyurethane Casters
Includes Freezer and Corrosion protection which allows the unit to operate from -40 to +120 degrees F
Anti-Slip Platform mat recommended with freezer applications
Rubber Knee Pads
Hinged Load Back Rest 48" high with mounted Storage Module
Crown's Standard Beige and Gray Paint
Polyurethane Load Wheel and Drive tires
Steel Access Doors
Other Standard Features listed in the Crown Literature

Includes New Energys Loadhog Battery for each unit; model 12-E100-13; 600 Ah; 13.9 KWH; battery weight is 1032 lbs. which exceeds the minimum required weight of 975 lbs. Battery to have Energys' Wi-IQ to insure that battery receives the proper charger every time it is charged.
Two (2) New Energys IMPAQ Chargers model EI3-HL-4YE for above batteries with required 480 Volt; 3 phase; 60 Hz input;
See Energys Literature for more information

Delivered Price (ea.)\$17,085.00
Delivered Price (2) \$34,170.00

Add Applicable Taxes

JEFFERDS CORPORATION
TERMS: NET 10 DAYS

Accepted: _____
CUSTOMER NAME

ADDRESS

SALESMAN

By _____

This proposal is offered for your acceptance within thirty days of date. It shall constitute a contract of sale after being accepted by the buyer and the seller from St. Albans office acknowledges acceptance. Your attention is invited to the "Conditions and Terms of Sale" which are attached hereof and which are a part of this contract.

CONDITIONS AND TERMS OF SALE

Seller's responsibility ceases as soon as the goods are delivered in good order and condition at the shipping point and a receipt taken from the carrier. Material will be routed over most convenient lines from Seller's shipping point, unless routing is specified elsewhere in this proposal.

Promises of shipments are estimated as closely as possible, but delivery date cannot be guaranteed. No charges for delays or damages to other trades will be made or considered, because of delay in shipment.

Only material as specifically set out in the proposal will be furnished. Reference to plans and specifications is for means of identification only.

Claims for errors must be made in writing immediately on receipt of goods. It is understood that no back charges for labor performed or material furnished by others shall be made to Seller, unless such labor is performed or materials furnished on Seller's written order. No expense incurred by Purchaser in expediting shipments shall be charged to Seller.

Contracts are made and accepted with the distinct understanding that they are not subject to cancellation, and that any cancellation on the part of the Purchaser shall in no way invalidate the right of Seller to collect in full for all materials on which drawings have been started, material in process of manufacture, fabrication, or delivery, or delivered on the work. Expense due to revision of drawings or changes of material after work is started, shall be paid by Purchaser.

Jefferds Corporation will not be held responsible for any modifications of existing building or structures unless such work is specifically covered on the face of this contract, Jefferds Corporation will not be responsible for determination of floor capacities, column and beam strengths or other architectural or structural details unless the contract specifically so states.

Where shop drawings, prepared by the seller or firms for which the Seller acts in the capacity of agent, have been approved by the Purchaser, or Purchaser's supervising architect or engineer in charge of work, such approved drawings, shall be deemed correct interpretation of all work to be performed or material furnished.

Reasonable doubt of Buyer's financial responsibility shall entitle Seller to stop operations, decline shipment, or stop material in transit without liability until satisfactory credit arrangements have been made.

Unless otherwise noted, prices are exclusive of any sales or use taxes now in force or which may be made effective in the future by any federal, state, or local governments. Buyer shall be responsible for all such taxes and shall promptly reimburse Seller for any such taxes paid thereon and save Seller harmless therefrom.

It is agreed that the Seller shall at its option have the right to avail itself of the benefits of the local lien laws.

It is understood and agreed that Jefferds Corporation has the option of furnishing the articles herein enumerated, either from its warehouse or by shipment direct from fabricators and materials houses for which Jefferds Corporation acts as agent, and that upon instruction of Jefferds Corporation, Purchaser will make payments in full accordance with the provisions of this contract to the principal furnishing materials. It is further agreed that the materials of each principal constitute a separate agreement of sale and that payment will not be withheld from any principal because of failure of another to fulfill his contract.

All material will be shipped and billed when fabricated or completed unless deferred shipment is arranged for. Partial invoices shall be paid without waiting for shipment of the balance of the material on the job. When the contract includes the erection of material, the erection portion of the contract may be assigned or subcontracted by Seller. Payment of the balance of the contract price will not be held because of deferred erection unless specific arrangements are covered by the contract.

Purchaser understands and agrees that Jefferds Corporation is the dealer or agent for the manufacturers, fabricators, and materials houses furnishing the articles described herein, and Jefferds Corporation makes no warranty, express or implied which extends beyond the description of the article sold on the face hereof. **THERE IS NO IMPLIED WARRANTY OF MERCHANTABILITY, OF FITNESS, OF TITLE, OR AGAINST INFRINGEMENT.** In no event will Jefferds Corporation be liable for consequential or special damages. A description of the warranty of the manufacturer, fabricator or materials house will be furnished purchaser upon request.

The manufacturer certifies that this unit will meet all current safety regulations and OSHA standards applicable to the manufacture and use of this unit over which the manufacturer has control.

This proposal, when accepted, constitutes the entire contract between the purchaser and Jefferds Corporation, and is intended as a complete and exclusive statement of the terms of their agreement.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
7/16/2018

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Scott Insurance (Rke) 10 Franklin Road SE Ste. 550 Roanoke VA 24011	CONTACT NAME: Susan VanRemotel PHONE (A/C, No, Ext): 434-832-2298 E-MAIL ADDRESS: svanremotel@scottins.com	FAX (A/C, No): 434-455-8834
	INSURER(S) AFFORDING COVERAGE	
INSURED JEFFER1 Jefferts Corporation DBA Homestead Materials Handling Co. DBA Bobcat of Advantage Valley PO Box 757 Saint Albans WV 25177	INSURER A: The Phoenix Insurance Company (A++) NAIC # 25623	
	INSURER B: Travelers Property Casualty Company of America (A+) 25674	
	INSURER C: Travelers	
	INSURER D:	
	INSURER E:	
INSURER F:		

COVERAGES **CERTIFICATE NUMBER:** 80908246 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL SUBR INSD WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Ded \$0. GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:		630-3J576918-PHX-18	4/1/2018	4/1/2019	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 10,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY		810 -3J627093-TIL-18	4/1/2018	4/1/2019	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 10,000		CUP-3J677601-18-14	4/1/2018	4/1/2019	EACH OCCURRENCE \$ 25,000,000 AGGREGATE \$ 25,000,000 \$ <input type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N <input type="checkbox"/> N/A				E.L. EACH ACCIDENT \$ E.L. DISEASE - EA EMPLOYEE \$ E.L. DISEASE - POLICY LIMIT \$
C A	Equipment Dealers Fitr Property-Special		QT-830-SH61050A-TIL-18 630-3J576918-PHX-18	4/1/2018 4/1/2018	4/1/2019 4/1/2019	Blanket Equipment Bikt Buildings 17,520,000 23,552,578

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

CANCELLATION

Agriculture Department of Food Distribution Program
4496 Cedar Lakes Drive
Ripley WV 25271

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Kam Jones

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CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
07/16/2018

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IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Garlow Insurance Agency, Inc. P O Box 5052 Charleston WV 25361	CONTACT NAME: Lora Fields	FAX (A/C. No.): (304)347-8973	
	PHONE (A/C. No. Ext.): (304)347-8972	E-MAIL ADDRESS: lfields@garlowinsurance.com	
INSURED Jefferts Corporation dba Homestead Materials Handling Co and Bobcat of Advantage Valley PO Box 757 Saint Albans WV 25177	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: ERIE INS CO OF NY		16233
	INSURER B:		
	INSURER C:		
	INSURER D:		
	INSURER E:		

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

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INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	N	Q91-5102517	07/01/2018 07/01/2019	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
Blanket Waiver of Subrogation when required by written contract. WV Broad Form included.

CERTIFICATE HOLDER Agriculture Department of Food Distribution Program 4496 Cedar Lakes Road Ripley WV 25271	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE

CROWN

PE 4500 SERIES

Specifications
End Control Pallet Truck



CROWN

PE 4500 **SERIES**





LOADHOG

Built to take the toughest shifts

First in high capacity

A proven high-performance battery with brute strength and exceptional staying power, Loadhog® batteries were the first to pack 100 amp-hours of capacity into a standard 85-AH compartment. That's 18% more capacity than similarly sized conventional batteries. When a Loadhog battery is installed in a DC lift truck, the benefit of higher voltage is straightforward: faster drive and lift speeds. Plus, higher amp-hour capacity ratings will ensure your lift truck runs long into the shift day and maximizes your operation's productivity.

Sustained voltages for AC trucks

Now, with the shift in electric lift trucks from DC to AC power, the staying power of the legendary Loadhog battery becomes even more apparent. Because an AC motor offsets a battery's normal voltage drop during discharge by drawing more and more amps, an AC truck sustains consistent run and lift speeds until the battery reaches the maximum discharge level. With sustained higher voltages throughout the shift plus higher amp-hour capacity ratings, the Loadhog battery is able to provide longer run times in an AC truck when compared with flat plate or round tube battery designs. It just doesn't make sense to limit the performance of your lift truck with an inferior battery!



Increased amp-hour capacity for longer run times, heavier loads.

IRONCLAD

EnerSys
Power/Full Solutions

LOADHOG®



The IRONCLAD® Effect – More surface area means more power

The increased work capacity of Loadhog® batteries is the result of its unique square tubular positive plate design, an EnerSys® exclusive. Compared to conventional round tube and flat plate battery designs, IRONCLAD square tubes provide more surface area on the positive plate, which exposes more positive plate active material to the electrolyte. This combination of greater positive surface area and electrolyte provides higher sustained voltages throughout the discharge cycle.

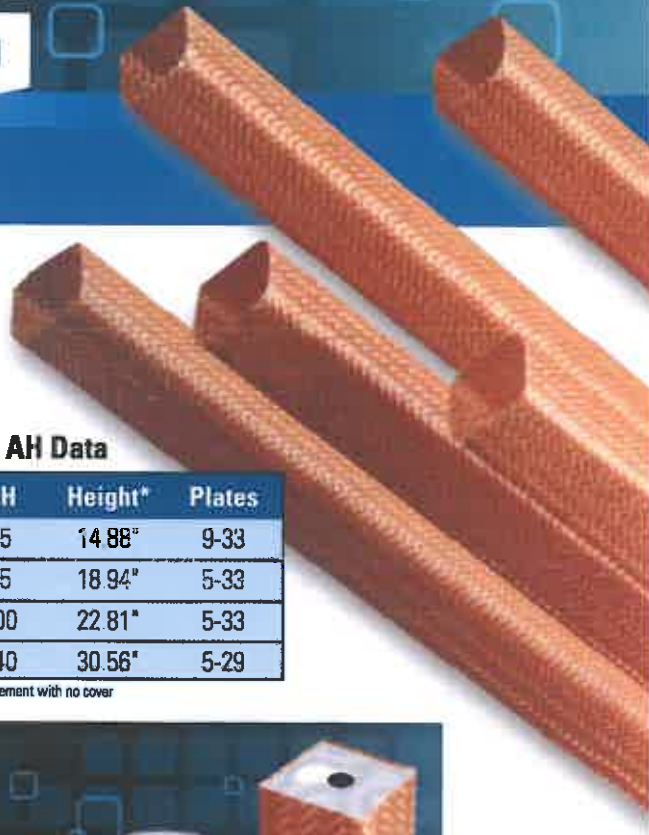
Plus, Loadhog batteries are manufactured with sleeved separators which prevent misalignment and moss shorts. Intercell connector insulators add extra protection and dust-proof vent/filler caps cut down on battery maintenance.

The IRONCLAD® Warranty

We are so confident in the quality of our Loadhog batteries that we offer a unique FIVE PLUS ONE™ warranty.* In addition, Loadhog batteries are backed by the largest and best company service and support team in the business – over 350 trained technicians staff a network of service locations and mobile vans across North America.

Call 1-800-EnerSys to reach your local IRONCLAD® Representative.

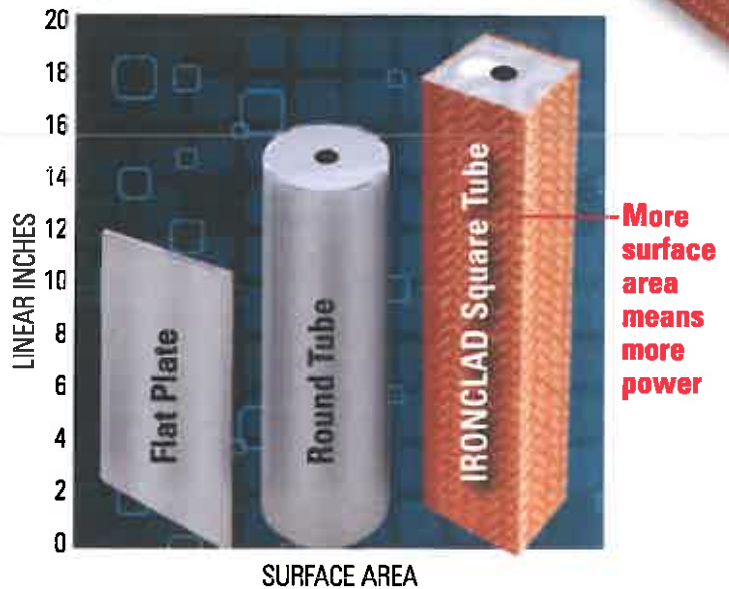
*Conditions apply / 3+2 on Loadhog E75L and E55L.



Loadhog® – AH Data

Type	AH	Height*	Plates
E55L	55	14.88"	9-33
E75L	75	18.94"	5-33
E100	100	22.81"	5-33
E140	140	30.56"	5-29

*Maximum height measurement with no cover



Exclusively Square Exclusively Powerful Exclusively IRONCLAD®



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Fax: +1-610-372-8613
www.enersysmp.com

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ENERSYS DE MEXICO
Ave Lopez Mateos #4210
Colonia Casa Blanca • C.P. 66475
San Nicolas de los Garza, N.L. Mexico
Phone: +52-818-329-6400
Fax: +52-818-329-6489

EnForcer[®]

MOTIVE POWER CHARGERS

IMPAQ[™]

Modular Charger Solutions: Setting the Standard



EnerSys.

Power/Full Solutions

EnForcer

IMPAQ

ACTIVE POWER CHARGERS



Optimized charging for a range of applications

The EnForcer IMPAQ and IMPAQ+ modular chargers from EnForcer, are designed to meet the needs of a wide range of applications. With a choice of 12V, 24V and 36V/48V output voltages, the IMPAQ and IMPAQ+ chargers are ideal for a wide range of applications, from low power applications to high power applications.

PEAK PERFORMANCE AND RELIABILITY

EnForcer IMPAQ charger modules are designed to be used in a wide range of applications and are available in a range of sizes. The 3-bay module is ideal for low power applications, while the 6-bay and 8-bay modules are ideal for high power applications. The modular design allows for easy expansion and replacement of modules.

OPTIMIZED CHARGING

EnForcer IMPAQ+ high frequency modular chargers employ the EnForcer Active Power Charging (APC) technology to provide optimized charging for a wide range of applications. The APC technology allows for a wide range of output voltages and current levels, ensuring that the battery is charged efficiently and safely. The APC technology also allows for a wide range of charging profiles, ensuring that the battery is charged according to its specific requirements.

VERSATILE DESIGN AND SUPPORTED SERVICE SOLUTION

The modular design of the IMPAQ and IMPAQ+ chargers allows for a wide range of applications. The chargers are designed to be used in a wide range of environments, from industrial to commercial. The modular design also allows for easy expansion and replacement of modules.

REDUCED FRESH FOOTPRINT

EnForcer IMPAQ and IMPAQ+ modular chargers:

• Provide energy savings with efficiency up to 94%

• Have a reduced footprint, making them ideal for use in tight spaces

• Have a long life span, up to 10 years



IMPAQ™ Chargers (Plug-in, 2, 3, 4, 6 and 8 bay and 8 bay dual-port)

Charging	Flexibility	Communication	Construction	Single Phase		Three Phase
<ul style="list-style-type: none"> Flooded Opportunity Cold store VRLA Gel-blec De-sulphation charge Auto equalization charge 	<ul style="list-style-type: none"> Multiple charging profiles Extended programmable capacity range Future-proofing extendable output power Charge block-out settings 	<ul style="list-style-type: none"> USB to download and upload charger data 	<ul style="list-style-type: none"> Free-standing or wall-mounted LCD screen with customer programmable menu Light and modern design 	Plug-in, 3 and 6 bay <ul style="list-style-type: none"> VAC: 120, 208, 220, 240 Charger range: 12V, 24V and 36/48V 	2/4 bay <ul style="list-style-type: none"> VAC: 480 Charger range: 24V and 36/48V 	2, 4, 6, 8 bay and 8 bay dual-port <ul style="list-style-type: none"> VAC: 208, 220, 240, 480, 600 Charger range: 24/36/48V and 72/80V

EnForcer IMPAQ



IMPAQ+ Chargers (2, 3, 4, 6 and 8 bay and 8 bay dual-port)

Charging	Flexibility	Communication	Construction	Single Phase		Three Phase
<ul style="list-style-type: none"> Proprietary iONIC™ profile with auto-diagnostics Opportunity Cold store VRLA Gel-blec De-sulphation charge Auto equalization charge Automatic temperature adjustment with Wi-Fi™ battery device 	<ul style="list-style-type: none"> Multiple charging profiles iONIC profile automatically adjusts to multiple DC voltages and battery capacities Future-proofing extendable output power Charge block-out settings 	<ul style="list-style-type: none"> Wireless communication between charger and battery via Wi-Fi™ battery device USB to download and upload charger data Ethernet connection 	<ul style="list-style-type: none"> Free-standing or wall-mounted 4.3" multi-color dashboard screen with customer programmable menu Display color changes to indicate charge condition Light and modern design 	3 and 6 bay <ul style="list-style-type: none"> VAC: 120, 208, 220, 240 Charger range: 12V, 24V and 36/48V 	2/4 bay <ul style="list-style-type: none"> VAC: 480 Charger range: 24V and 36/48V 	2, 4, 6, 8 bay and 8 bay dual-port <ul style="list-style-type: none"> VAC: 208, 220, 240, 480, 600 Charger range: 24/36/48V and 72/80V

EnForcer IMPAQ+



EnForcer® IMPAQ™ Modular Charger Overview

For a complete listing of all available models and power levels, please refer to the corresponding owner's manual.

	Output DC Voltage	Cabinet Size	Cabinet Code	Max Battery Capacity (Standard & hr)	AH Battery Capacity (Opportunity Mode)	Input AC Amps	VAC	Max Weight (LBS)	Dimensions (W x D x H)
Single Phase Plug-in	12	1	AK	220 (430 ²)	140	5	120	6	5.83" x 3.80" x 10.41"
	24	1	AK	125 (250 ²)	80	6	120	6	5.83" x 3.80" x 10.41"
	36/48	1	AK	88/70 (175/135 ²)	56/44	6	120	6	5.83" x 3.80" x 10.41"
Single Phase	12	3	CM	680 (1315 ²)	420	14	120	17	9.84" x 7.22" x 13.54"
	24	3	CM	375 (750 ²)	240	16	120	17	9.84" x 7.22" x 13.54"
	36/48	3	CM	265/210 (525/420 ²)	168/132	18	120	17	9.84" x 7.22" x 13.54"
	12	3	CM	660	420	8.4/7.8/7.2	208/220/240	17	9.84" x 7.22" x 13.54"
	24	3	CM	660	420	16.2/15.4/14.1	208/220/240	17	9.84" x 7.22" x 13.54"
	36/48	3	CM	450/340	300/216	17.4/16.8/15.0	208/220/240	17	9.84" x 7.22" x 13.54"
	12	6	FP	1320	840	29	120	48	20.47" x 10.24" x 16.34"
	24	6	FP	750	480	33	120	48	20.47" x 10.24" x 16.34"
	36/48	6	FP	525/420	340/280	36	120	48	20.47" x 10.24" x 16.34"
	12	6	FP	1320	840	16.8/15.6/14.4	208/220/240	48	20.47" x 10.24" x 16.34"
	24	6	FP	1320	840	32.4/30.6/28.2	208/220/240	48	20.47" x 10.24" x 16.34"
	36/48	6	FP	900/680	600/432	34.8/33.6/30.0	208/220/240	48	20.47" x 10.24" x 16.34"
	24	2	HL	1000	640	11.6	480	67	13.18" x 13.80" x 19.50"
	36/48	2	HL	625/625	400/400	14.2	480	67	13.18" x 13.80" x 19.50"
	24	4	JN	2000	1280	23.2	480	84	13.18" x 13.80" x 19.50"
36/48	4	JN	1250/1250	800/800	28.4	480	84	13.18" x 13.80" x 19.50"	
Three Phase	24/36/48	4	JN	1000/1000/1000	640/640/640	29.6/28.0/25.6	208/220/240	84	13.18" x 13.80" x 19.50"
	72/80	4	JN	625/625	400/400	30.8/29.2/26.8	208/220/240	84	13.18" x 13.80" x 19.50"
	24/36/48	4	JN	2000/2000/1500	1280/1280/960	19.2	480	84	13.18" x 13.80" x 19.50"
	72/80	4	JN	1000/900	640/576	19.2	480	84	13.18" x 13.80" x 19.50"
	24/36/48	4	JN	2000/2000/1500	1280/1280/960	15.6	600	84	13.18" x 13.80" x 19.50"
	72/80	4	JN	1000/900	640/576	15.6	600	84	13.18" x 13.80" x 19.50"
	24/36/48	6	LP	1500/1500/1500	960/960/960	44.4/42.0/38.4	208/220/240	106	19.10" x 13.80" x 19.50"
	72/80	6	LP	940/940	600/600	46.2/43.8/40.2	208/220/240	106	19.10" x 13.80" x 19.50"
	24/36/48	6	LP	2000/2000/2000	1280/1280/1280	28.8	480	106	19.10" x 13.80" x 19.50"
	72/80	6	LP	1500/1350	960/864	28.8	480	106	19.10" x 13.80" x 19.50"
	24/36/48	6	LP	2000/2000/2000	1280/1280/1280	23.4	600	106	19.10" x 13.80" x 19.50"
	72/80	6	LP	1500/1350	960/864	23.4	600	106	19.10" x 13.80" x 19.50"
	24/36/48	8	NR	2000/2000/2000	1280/1280/1280	59.2/56/51.2	208/220/240	197	15.95" x 14.80" x 37.80"
	72/80	8	NR	1250/1250	800/800	61.6/58.4/53.6	208/220/240	197	15.95" x 14.80" x 37.80"
	72/80	8	NR	2000/1800	1280/1152	38.4	480	197	15.95" x 14.80" x 37.80"
72/80	8	NR	2000/1800	1280/1152	31.2	600	197	15.95" x 14.80" x 37.80"	
Three Phase Dual Port	24/36/48	(2) 4	JJR	1000/1000/1000	640/640/640	59.2/56/51.2	208/220/240	203	15.95" x 14.80" x 37.80"
	72/80	(2) 4	JJR	625/625	400/400	61.6/58.4/53.6	208/220/240	203	15.95" x 14.80" x 37.80"
	24/36/48	(2) 4	JJR	2000/2000/1500	1280/1280/960	38.4	480	203	15.95" x 14.80" x 37.80"
	72/80	(2) 4	JJR	1000/900	640/576	38.4	480	203	15.95" x 14.80" x 37.80"
	24/36/48	(2) 4	JJR	2000/2000/1500	1280/1280/960	31.2	600	203	15.95" x 14.80" x 37.80"
72/80	(2) 4	JJR	1000/900	640/576	31.2	600	203	15.95" x 14.80" x 37.80"	

1 - AH Battery Capacity (Opportunity Mode) based on 25% maximum charge rate. Larger battery capacities can be charged in opportunity mode, but cannot exceed the max battery capacity indicated in the "Max Battery Capacity (Standard & hr)" column.
 2 - Based on 13 hour recharge, which only applies to flooded profile. Cold storage and VRLA profile must use 8 hour rate.



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