

East Penn Manufacturing Co.

2 Volt Fahrenheit Solutions

Unigy II	System Information				Interlock System						Layout					
	Battery Format	Battery Type	AH c/8 1.75vpc	# Strings	Cells per String	Cells per Module	Stacks per String	Max Tiers per String	Length (inches)	Depth (inches)	Height (inches)	Weight (lbs.)	Connector Package	Layout	JK	
50AH	6 Cell Module	HT45-	5	82	1	60	6	2	5	14.55	18.25	45.70	1714	1CU	JT06001	JK01268
100AH	6 Cell Module	HT45-	7	123	1	60	6	2	5	19.00	18.25	45.70	2224	1CU	JT06001	JK01336
150AH	6 Cell Module	HT45-	11	204	1	60	6	2	5	28.00	18.25	45.70	3300	1CU	JT06001	JK01325
	6 Cell Module	HT95-	7	255	1	60	6	2	5	19.00	27.88	45.70	3654	1CU	JT06001	JK01336
200AH	6 Cell Module	HT45-	15	286	1	60	6	2	5	37.00	18.25	45.70	4358	1CU	JT06001	JK01244
	6 Cell Module	HT95-	9	340	1	60	6	2	5	23.50	27.88	45.70	4542	1CU	JT06001	JK01306



- Helios™ Additive reduces float current up to 75% enhancing high temperature life
- Microcat® Catalyst lowers float current, mitigates thermal buildup and cell dryout
- Exclusive IPF® Technology optimizes power capacity, cell consistency, and long-term reliability
- TempX™ Alloy inhibits corrosion under the highest temperature extremes



SPECIFICATIONS

Nominal Voltage: 2-Volt

Ratings: Range of 81 – 1789 Ampere-Hours @ 8 hr. rate to 1.75 V.P.C.

Positive Plate: >98% Pure lead with tin-calcium alloy

Negative Plate: Pure lead, calcium alloy

Post Seal: Epoxy-sealed

Terminal: Front access

Case/Cover: Flame-retardant, polypropylene – UL 94 V-0/>28% L.O.I.

Catalyst: Microcat®

Safety Vent: High positive pressure, self-sealing w/ flame arrestor

Float Voltage: 2.25 V.P.C. ± 0.01 V.P.C. @ 77°F (25°C)

Design Life: 22 years in float applications @ 77°F (25°C)



Deka Sizing:

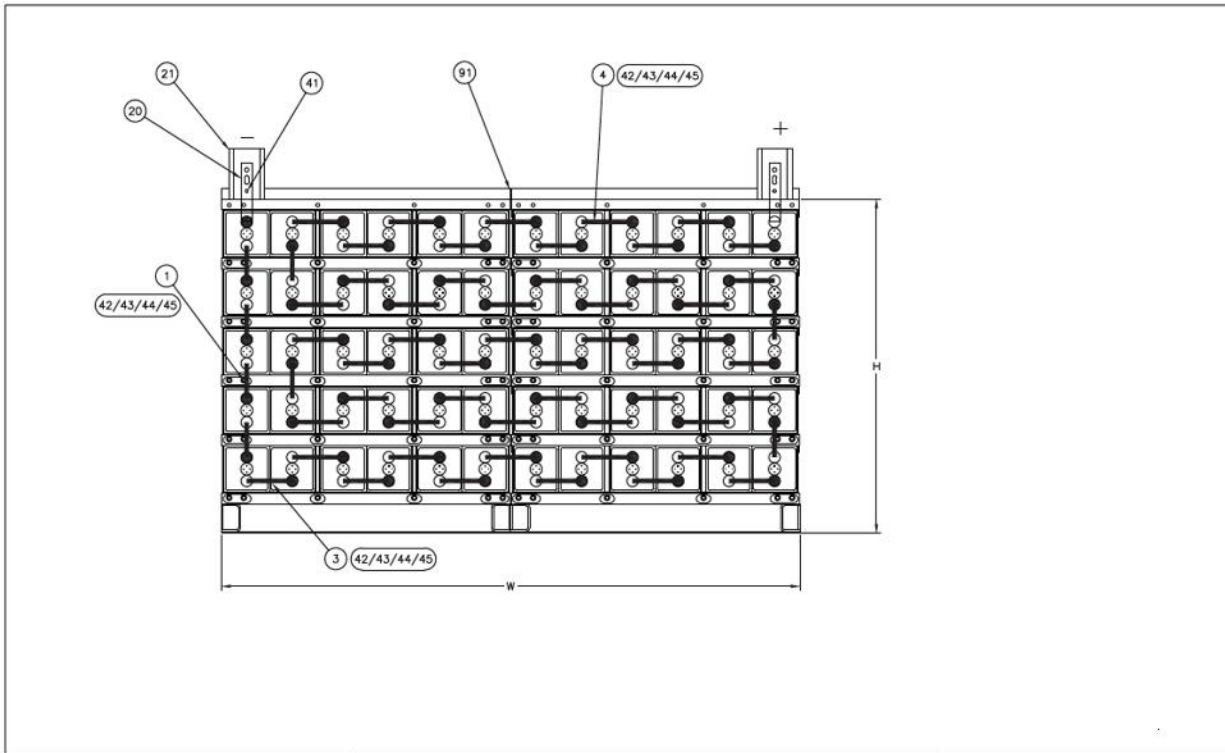


HT95 Amp Rates



HT45 Amp rates

Standard Configuration



NOTES	DIMENSIONS										BATTERIES <small>EAST PENN manufacturing co. inc.</small> <small>LYON HAZARD, PA. 1906</small>					
	# PLATES	WIDTH, W		HEIGHT, H		DEPTH, D										
		in	mm	INTERLOCK	in	mm	45		75			95				
<ol style="list-style-type: none"> 1. REFER TO I & O MANUAL FOR ASSEMBLY PROCEDURES. 2. QTY OF CONNECTORS REQUIRED PER POST FOR HIGH RATE APPLICATIONS IS EXPLAINED IN MANUAL. 3. POSITIVE TERMINALS ○ / NEGATIVE TERMINALS ● 4. ADD 4 1/2" TO OVERALL WIDTH FOR EACH SIDE TERMINAL. ADD 7 3/4" TO OVERALL HEIGHT FOR TOP TERMINALS. 5. FOR 1-PIECE BASE, REFER TO INTERLOCK I&O MANUAL TO SEE ADDITIONAL SEISMIC ZONE 4 INSTALLATION. 6. INTERLOCK 1-PIECE BASE SHOWN, NON-INTERLOCK MODULE REQUIRES 2-PIECE BASE. 7. SUBTRACT 3/4" FROM DEPTH FOR NON-INTERLOCK MODULES USING 2-PIECE BASE. 	5	29.10	739	in	mm	18.25	464	25.25	641	27.88	708	# CELLS 60	PLATE SIZE 5-15	TERMINATION TOP	# STACKS 2	# TIER 5
	7	38.00	965	45.70	1161							LAYOUT NO. JT060001	DATE 9-8-03	DR. JBY APP: GMB		
	9	47.00	1194	NON INTERLOCK												
	11	56.00	1422	in	mm											
	13	65.00	1651	in	mm											
	15	74.00	1880	44.20	1122											

Standard configuration shown above for 5 - 15 plates. Other standard configuration for larger plate sizes are as follows: JT060009 (17-27 plates) & JT060015 (29 – 33 plates)

Specification Sheets



2 Volt Fahrenheit Information



**2 Volt Fahrenheit
Interlock I&O Manual**



**2 Volt Fahrenheit
NB I&O Manual**

Hindle Charger Options

AH	Run Time (Hrs)	Amps	Amp Charge	Cabinet Style	Group	Charger Part #	Model #
50	8	6.25	12	594	1	AT10-130-012	AT130012F240SXXXXXXXXXXHPI
100	8	12.5	20	594	1	AT10-130-020	AT130020F240SXXXXXXXXXXHPI
150	8	18.75	30	5017	2	AT10-130-030	AT130030F240SXXXXXXXXXXHPI
200	8	25	40	5018	2	AT10-130-040	AT130040F240SXXXXXXXXXXHPI



Cabinet Style 594



Cabinet Style 5017



Cabinet Style 5018

Product Drawings and Specifications

[Cabinet Style 594](#)

[Cabinet Style 5017](#)

[Cabinet style 5018](#)

[AT10 Series Charger](#)

Charger Floor Mounting Kit, EI0192-00

Floor Mount kit is for Cabinet styles 594 & 5017

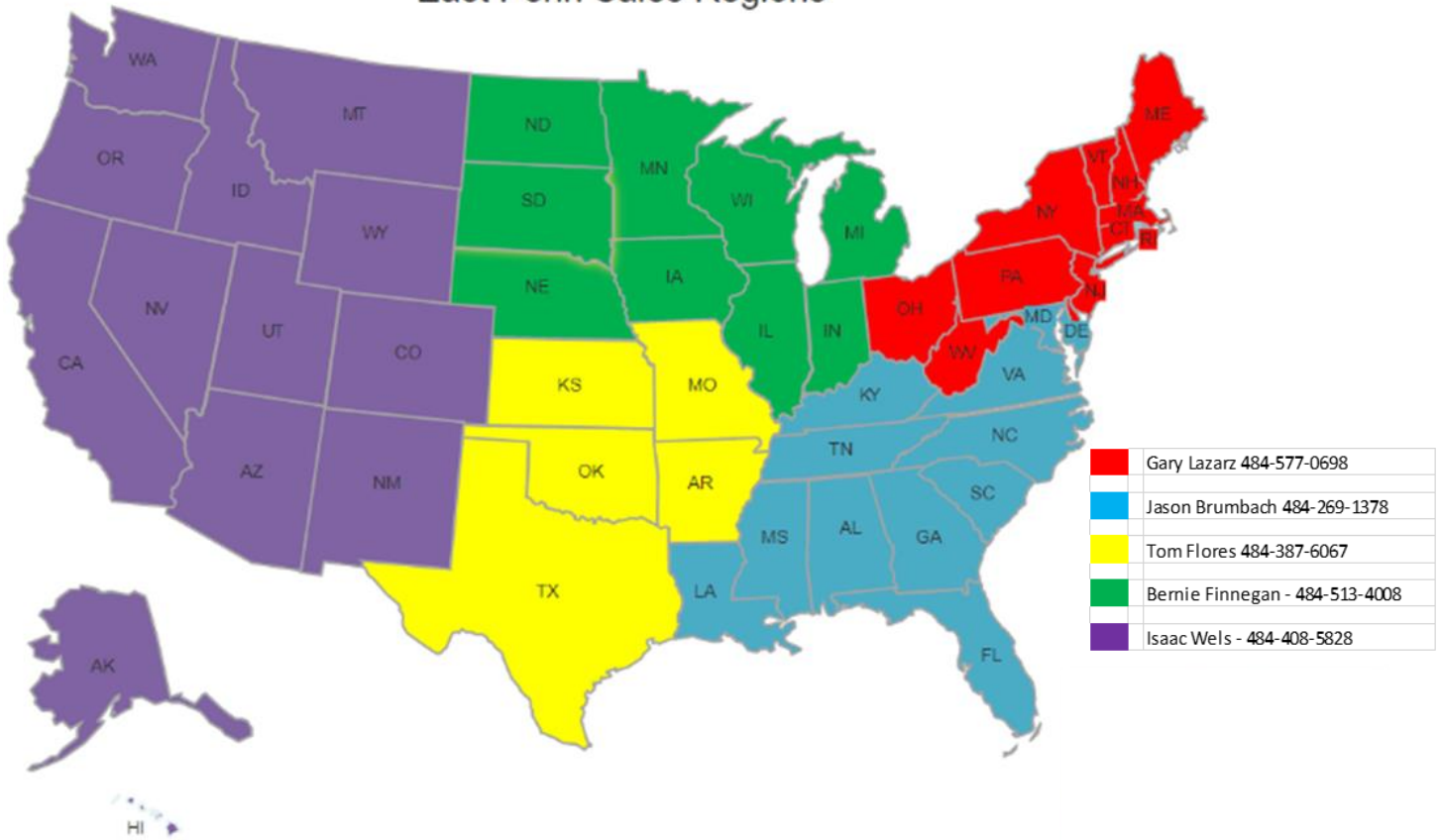
[Floor Mount Drawing 594 / 5017](#)





Sales contacts:

East Penn Sales Regions



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Deka Services – EF&I Solution Provider



Installation, Maintenance, Capacity Testing