

IRONCLAD DESERTHOG® SQUARE TUBE BATTERY TECHNOLOGY

WORK FASTER AND RUN LONGER
WITH INDUSTRY-LEADING POWER.

With more positive-plate surface area than flat-plate batteries, the unique square tube technology in IRONCLAD Deserthog lead acid batteries delivers more power and higher sustained voltages than similarly sized conventional batteries. Industry-leading amp-hour capacities allow your forklifts to lift and travel faster, and to last longer into every shift.

Engineered to hold up to 132% more water than conventional cells, IRONCLAD Deserthog batteries only require watering once every few months instead of once a week, reducing downtime and maintenance costs. They are also available with a built-in monitor that blinks green when water levels are okay, further enhancing uptime and the productivity of your fleet.



LESS WATERING

Add water just four to six times per year instead of every week for lower maintenance costs and greater uptime.



MORE POWER

Enhance truck travel and lift speeds with industry-leading amp-hour capacities.



LONGER RUN TIMES

Keep your fleet on the floor with fewer charging requirements for greater productivity.



GREATER PEACE-OF-MIND

Run more confidently and reliably with battery warranties up to 5 years +1, depending on charging applications.

If you're looking for a partner with the tools and experience to help you run better and manage smarter, contact us today at 1-800-235-7200 or visit us at raymondcorp.com.

BROUGHT TO YOU BY
RAYMOND
SOLUTIONS AND SUPPORT CENTERS

Ideal for a wide range of forklift fleets and applications, IRONCLAD Deserthog® batteries come with a choice of three amp-hour plates—90,100, and 125—in a broad array of configurations.

E90D - SQUARE TUBULAR (90 AH PER POSITIVE PLATE)

No. of Plates	Cell Catalog #	Capacity @ 6 hr. Rate @ 77°F or 5 hr. Rate @ 30°C to 1.70 Vpc		Base Dimensions of Cells*				Weight of Electrolyte		Approx. Weight Per Cell**	
				Length		Width					
		kWh	AH	in	mm	in	mm	lbs	kg	lbs	kg
5	325340-CW	0.35	180	2.00	51	6.19	157	6.4	2.9	33	15.0
7	325341-CW	0.52	270	2.75	70	6.19	157	8.6	3.9	47	21.3
9	325342-CW	0.69	360	3.50	89	6.19	157	10.7	4.9	57	25.9
11	325343-CW	0.87	450	4.25	108	6.19	157	12.8	5.8	70	31.8
13	325344-CW	1.04	540	5.00	127	6.19	157	14.9	6.8	82	37.2
15	325345-CW	1.22	630	5.75	146	6.25	159	18.2	8.3	94	42.6
17	325346-CW	1.39	720	6.50	165	6.25	159	20.3	9.2	107	48.5
19	325347-CW	1.56	810	7.25	184	6.25	159	22.3	10.1	119	54.0
21	325348-CW	1.74	900	8.00	203	6.25	159	24.6	11.2	132	59.9
23	325349-CW	1.91	990	8.75	222	6.25	159	27.7	12.6	145	65.8
25	325350-CW	2.08	1080	9.50	241	6.25	159	29.9	13.6	158	71.7
27	325351-CW	2.26	1170	10.25	260	6.25	159	32.0	14.5	170	77.1
29	325352-CW	2.43	1260	11.00	279	6.25	159	35.2	16.0	184	83.5
31	325353-CW	2.61	1350	11.75	298	6.25	159	37.3	16.9	194	88.0
33	325354-CW	2.78	1440	12.50	318	6.25	159	39.5	17.9	205	93.0

Standard coverless battery height is 22.81" over lifting ear
* Tray, tray partitions and required clearance make complete batteries up to 1.00" longer and wider than cells alone
** Including steel tray

E100D - SQUARE TUBULAR (100 AH PER POSITIVE PLATE)

No. of Plates	Cell Catalog #	Capacity @ 6 hr. Rate @ 77°F or 5 hr. Rate @ 30°C to 1.70 Vpc		Base Dimensions of Cells*				Weight of Electrolyte		Approx. Weight Per Cell**	
				Length		Width					
		kWh	AH	in	mm	in	mm	lbs	kg	lbs	kg
5	325360-CW	0.39	200	2.00	51	6.19	157	7.0	3.2	35	15.9
7	325361-CW	0.58	300	2.75	70	6.19	157	10.2	4.6	49	22.3
9	325362-CW	0.77	400	3.50	89	6.19	157	12.8	5.8	65	29.5
11	325363-CW	0.97	500	4.25	108	6.19	157	15.3	7.0	78	35.4
13	325364-CW	1.16	600	5.00	127	6.19	157	17.9	8.1	91	41.3
15	325365-CW	1.35	700	5.75	146	6.25	159	21.6	9.8	106	48.1
17	325366-CW	1.54	800	6.50	165	6.25	159	24.2	11.0	118	53.5
19	325367-CW	1.74	900	7.25	184	6.25	159	26.7	12.1	131	59.4
21	325368-CW	1.93	1000	8.00	203	6.25	159	29.4	13.4	145	65.8
23	325369-CW	2.12	1100	8.75	222	6.25	159	33.0	15.0	161	73.0
25	325370-CW	2.32	1200	9.50	241	6.25	159	35.6	16.2	175	79.4
27	325371-CW	2.51	1300	10.25	260	6.25	159	38.2	17.4	189	85.7
29	325372-CW	2.70	1400	11.00	279	6.25	159	41.7	19.0	204	92.5
31	325373-CW	2.90	1500	11.75	298	6.25	159	44.3	20.1	219	99.3
33	325374-CW	3.09	1600	12.50	318	6.25	159	46.9	21.3	234	106.1

Standard coverless battery height is 25.56" over lifting ear



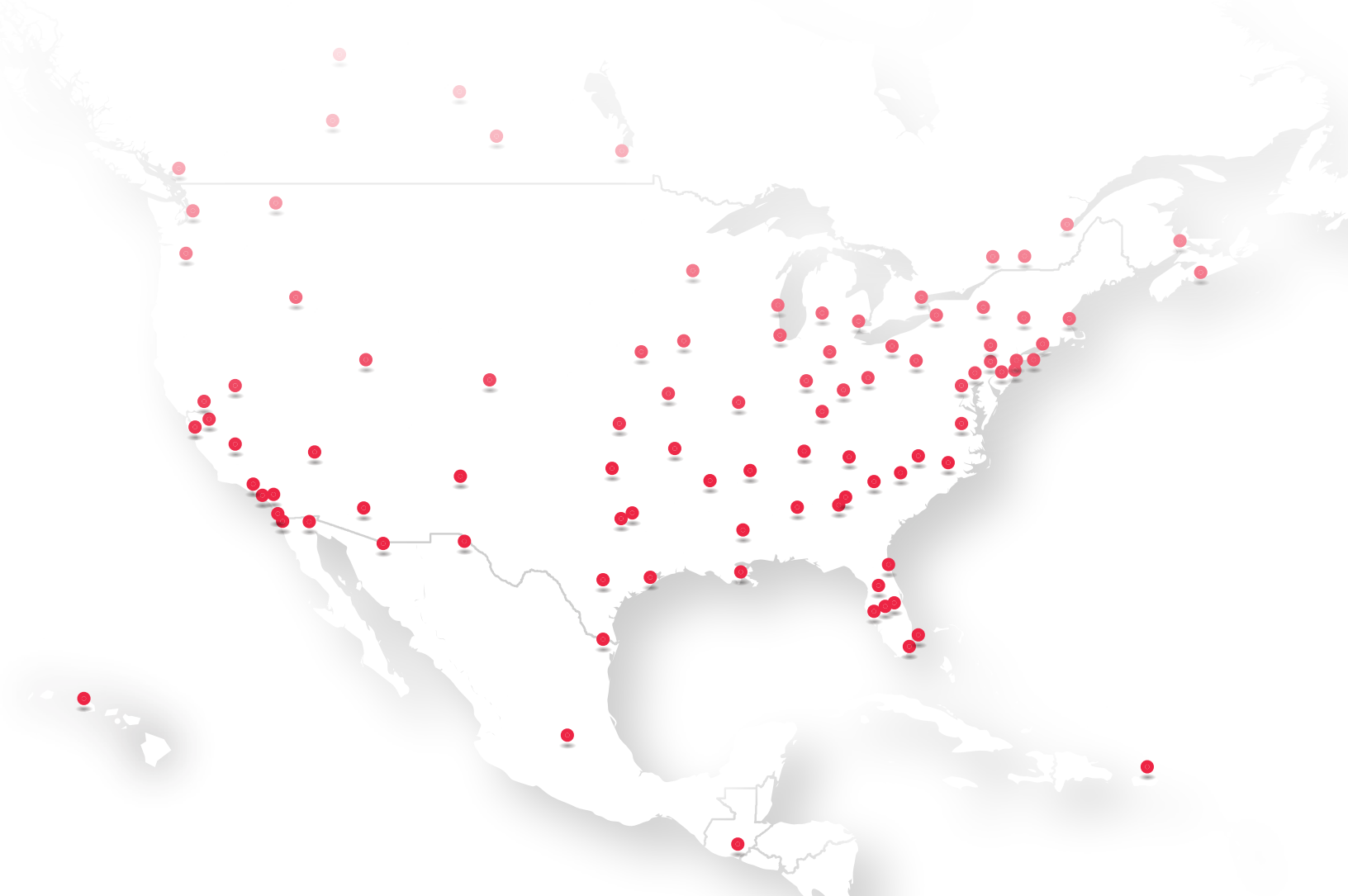
E125D - SQUARE TUBULAR (125 AH PER POSITIVE PLATE)

No. of Plates	Cell Catalog #	Capacity @ 6 hr. Rate @ 77°F or 5 hr. Rate @ 30°C to 1.70 Vpc		Base Dimensions of Cells*				Weight of Electrolyte		Approx. Weight Per Cell**	
				Length		Width					
		kWh	AH	in	mm	in	mm	lbs	kg	lbs	kg
5	325380-CW	0.48	250	2.00	51	6.19	157	7.0	3.2	52	23.6
7	325381-CW	0.72	375	2.75	70	6.19	157	10.0	4.5	66	30.0
9	325382-CW	0.97	500	3.50	89	6.19	157	14.0	6.4	83	37.6
11	325383-CW	1.21	625	4.25	108	6.19	157	18.0	8.2	100	45.4
13	325384-CW	1.45	750	5.00	127	6.19	157	21.0	9.5	116	52.6
15	325385-CW	1.69	875	5.75	146	6.25	159	25.0	11.3	132	59.9
17	325386-CW	1.93	1000	6.50	165	6.25	159	29.0	13.2	150	68.0
19	325387-CW	2.17	1125	7.25	184	6.25	159	32.0	14.5	168	76.2
21	325388-CW	2.41	1250	8.00	203	6.25	159	36.0	16.3	184	83.5
23	325389-CW	2.65	1375	8.75	222	6.25	159	40.0	18.1	202	91.6
25	325390-CW	2.90	1500	9.50	241	6.25	159	44.0	20.0	220	99.8
27	325391-CW	3.14	1625	10.25	260	6.25	159	47.0	21.3	236	107.0
29	325392-CW	3.38	1750	11.00	279	6.25	159	51.0	23.1	252	114.3

Standard coverless battery height is 30.56" over lifting ear.
* Tray, tray partitions and required clearance make complete batteries up to 1.00" longer and wider than cells alone.
** Including steel tray

NATIONWIDE NETWORK OF SOLUTIONS AND SUPPORT CENTERS

From the latest battery and charging technologies to comprehensive power studies and consulting services, Raymond can help you get more done using less energy through our nationwide network of more than 100 Solutions and Support Centers. Find your local experts at raymondcorp.com.



For more information or to see how IRONCLAD Deserthog® batteries could help your trucks work faster and run longer, please reach out to your local Solutions and Support Center, or contact us using the information below.