



# IRONCLAD®

UNIQUE SQUARE TUBE TECHNOLOGY



The unique square tube technology at work in IRONCLAD® batteries has up to 84% more positive-plate surface area vs. round tubular and flat-plate batteries. More surface area means more power, so IRONCLAD batteries sustain higher voltages than similarly sized conventional batteries. Their industry-leading amp-hour capacities can help trucks lift and drive faster, and last longer into the shift.

IRONCLAD DesertHog® batteries simply hold more water than conventional batteries, so they need a lot less frequent watering – just once every few months instead of once every week. DesertHog batteries are also available with a built-in monitor that blinks green when water levels are okay, further supporting lift truck fleet productivity and profitability.



# Technical Data Sheet



With 90,100 and 125 amp-hour plates, Deserthog® batteries hold up to 132% more water than standard batteries, reducing watering intervals for a more efficient operation with lower maintenance costs.



## LESS WATERING

Add water just four to six times per year vs. every week



## AMP HOURS

Industry-leading amp-hour capacity rating



## RUN TIMES

Extended run times allow trucks to last longer into the shift



## LIMITED WARRANTY

Up to 5-year +1 warranty depending on charging applications

### 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		lbs	kg	lbs	kg
		kWh	AH	in	mm	in	mm				
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		lbs	kg	lbs	kg
				in	mm	in	mm				
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		lbs	kg	lbs	kg
				in	mm	in	mm				
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



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