

EnerSys DataSafe HX - Electrolyte and Lead Weights (VRLA AGM Technology)

Battery Model	Nominal Capacity AH	Unit Weight		Lead Weight		Electrolyte (1.300)				Acid (H2SO4)			
						Volume		Weight		Volume		Weight	
		lbs.	kg	lbs.	kg	oz	liters	lbs.	kg	oz	liters	lbs.	kg
12HX25	5	4.4	2.0	2.9	1.3	8.5	0.25	0.7	0.33	2.5	0.07	0.3	0.13
12HX35	7	6.1	2.8	4.0	1.8	13	0.38	1.1	0.49	3.7	0.11	0.4	0.20
6HX50 (6V)	11	4.7	2.1	3.1	1.4	9	0.25	0.7	0.33	2.5	0.07	0.3	0.14
12HX50	11	9.1	4.1	6.0	2.7	17	0.50	1.5	0.66	5.0	0.15	0.6	0.27
12HX80	16	14	6.4	9.6	4.4	32	0.96	2.8	1.25	9.4	0.28	1.1	0.51
12HX100	21	22	10	16	7.3	48	1.42	4.1	1.86	14	0.41	1.7	0.76
12HX135	28	26	12	19	8.6	56	1.66	4.8	2.17	16	0.48	2.0	0.89
12HX150	32	32	15	23	10	73	2.16	6.2	2.83	21	0.63	2.6	1.16
12HX205	44	44	20	31	14	90	2.66	8	3.49	26	0.78	3.1	1.43
12HX300	70	62	28	43	19	142	4.20	12	5.50	41	1.23	5.0	2.25
12HX330	82	72	33	51	23	160	4.73	14	6.20	47	1.38	5.6	2.54
12HX400	94	80	36	58	26	170	5.03	15	6.59	50	1.47	5.9	2.69
12HX500	120	110	50	81	37	237	7.01	20	9.18	69	2.05	8.3	3.76
12HX505	119	104	47	78	35	212	6.27	18	8.21	62	1.83	7.4	3.36
12HX540	123	108	49	81	37	218	6.45	19	8.45	64	1.88	7.6	3.45
6HX800 (6V)	200	80	36	58	26	170	5.03	15	6.59	50	1.47	5.9	2.69

Notes:

1. All values represent typical product characteristics for the 6V or 12V battery and are subject to change without notice.
2. The nominal AH capacity is based on the 8 hour rate to 1.75 VPC final voltage at 25 °C (nominal temperature).

