data safe HX PLUS

data safe HX

PERFORMANCE DATA

EnerSys®
Power/Full Solutions

RESERVE
POWER

Constant Current Discharge Performance Data

Discharge Currents (Amperes) to 1.60Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	389.5	267.8	204.0	165.1	138.8	119.7	105.4	94.4	85.5	78.3	67.2	47.7	37.4	26.5	20.8	17.1	11.5	9.48	4.96
12HX420FR+	454.5	312.5	238.1	192.7	162.0	139.7	123.1	110.2	99.8	91.3	78.4	55.7	43.6	30.8	23.9	19.6	12.5	10.2	5.06
12HX505FR+	585.1	390.4	282.5	223.7	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX560FR+	647.6	413.3	310.8	251.8	212.0	184.6	161.0	144.0	133.7	120.0	104.6	74.0	58.0	40.6	31.4	25.7	16.7	13.6	7.12

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	25.4	15.7	11.7	9.38	7.83	6.76	6.02	5.31	4.89	4.49	3.81	2.66	2.11	1.47	1.14	0.92	0.60	0.49	0.26
12HX35	39.8	24.6	18.3	14.7	12.3	10.6	9.40	8.31	7.65	7.03	5.97	4.17	3.30	2.30	1.77	1.45	0.93	0.76	0.41
6HX50	62.0	38.3	28.5	22.9	19.1	16.5	14.6	12.9	11.9	10.9	9.29	6.48	5.13	3.58	2.77	2.25	1.45	1.19	0.60
12HX50	62.0	38.3	28.5	22.9	19.1	16.5	14.6	12.9	11.9	10.9	9.29	6.48	5.13	3.58	2.77	2.25	1.45	1.19	0.60
12HX80	88.5	54.7	40.8	32.6	27.2	23.5	20.8	18.5	17.0	15.6	13.3	9.26	7.33	5.11	3.95	3.22	2.08	1.70	0.90
12HX105	110.6	68.3	51.0	40.8	34.0	29.4	26.1	23.1	21.3	19.5	16.6	11.6	9.16	6.39	4.94	4.02	2.65	2.19	1.22
12HX135	149.4	92.2	68.8	55.1	46.0	39.7	35.1	31.2	28.7	26.4	22.4	15.6	12.4	8.63	6.66	5.43	3.58	2.95	1.65
12HX150	166.0	102.5	76.5	61.2	51.1	44.1	39.0	34.6	31.9	29.3	24.9	17.4	13.7	9.59	7.45	6.03	4.08	3.41	2.00
12HX205	246.1	153.5	113.6	90.8	76.7	65.5	57.9	51.6	46.7	42.7	36.5	25.7	19.9	13.9	10.7	8.82	5.82	4.78	2.64
12HX300	318.9	206.0	155.8	126.5	107.2	93.4	82.9	74.6	68.0	62.5	53.9	38.6	30.2	21.3	16.5	13.5	8.81	7.18	3.72
12HX330	372.1	240.3	181.7	147.6	125.0	108.9	96.7	87.1	79.3	72.9	62.9	45.0	35.2	24.8	19.3	15.8	10.3	8.38	4.34
12HX400	425.2	274.6	207.7	168.7	142.9	124.5	110.5	99.5	90.7	83.4	71.9	51.4	40.3	28.4	22.0	18.0	11.8	9.58	4.96
12HX505	585.1	390.4	282.5	223.7	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX540	614.9	413.9	305.9	242.9	202.6	174.4	153.4	137.2	124.3	113.7	97.4	68.7	53.4	37.3	28.7	23.5	15.4	12.6	6.61
6HX800	832.7	581.4	450.7	369.8	314.0	273.8	243.0	218.2	198.3	181.8	156.0	114.7	91.5	63.3	48.6	39.5	25.6	20.8	11.2

Discharge Currents (Amperes) to 1.65Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	381.4	261.5	200.8	163.3	137.4	118.5	104.5	93.6	84.8	77.8	66.9	47.5	37.4	26.5	20.7	17.1	11.5	9.48	4.96
12HX420FR+	445.0	305.1	234.3	190.5	160.3	138.3	121.9	109.2	99.0	90.8	78.1	55.5	43.6	30.8	23.9	19.6	12.5	10.2	5.06
12HX505FR+	546.0	378.0	282.5	223.7	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX560FR+	604.2	398.8	303.9	247.7	210.6	182.9	160.1	143.6	133.0	119.7	104.1	74.0	57.7	40.4	31.2	25.4	16.5	13.5	7.08

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	24.7	15.4	11.6	9.30	7.77	6.71	5.94	5.28	4.86	4.46	3.79	2.65	2.09	1.46	1.13	0.92	0.59	0.49	0.26
12HX35	38.6	24.2	18.1	14.6	12.2	10.5	9.34	8.26	7.61	6.99	5.93	4.14	3.28	2.28	1.76	1.44	0.93	0.76	0.41
6HX50	60.0	37.6	28.2	22.6	18.9	16.3	14.5	12.8	11.8	10.9	9.23	6.45	5.10	3.55	2.75	2.24	1.45	1.18	0.60
12HX50	60.0	37.6	28.2	22.6	18.9	16.3	14.5	12.8	11.8	10.9	9.23	6.45	5.10	3.55	2.75	2.24	1.45	1.18	0.60
12HX80	85.8	53.7	40.3	32.3	26.9	23.4	20.6	18.4	16.9	15.5	13.2	9.21	7.28	5.07	3.92	3.20	2.07	1.69	0.90
12HX105	107.2	67.1	50.3	40.4	33.7	29.2	25.8	22.9	21.1	19.4	16.5	11.5	9.11	6.34	4.91	4.00	2.64	2.18	1.22
12HX135	144.7	90.6	68.0	54.6	45.5	39.4	34.9	31.0	28.5	26.2	22.3	15.5	12.3	8.56	6.61	5.40	3.56	2.94	1.65
12HX150	160.8	100.7	75.5	60.6	50.6	43.8	38.7	34.4	31.7	29.1	24.7	17.3	13.7	9.51	7.40	6.00	4.07	3.40	2.00
12HX205	233.9	149.1	111.2	89.4	74.8	64.7	56.9	51.1	46.3	42.3	36.2	25.5	19.8	13.8	10.6	8.74	5.76	4.74	2.63
12HX300	316.2	206.0	155.8	126.5	107.2	93.4	82.9	74.6	68.0	62.5	53.9	38.6	30.2	21.3	16.5	13.5	8.81	7.18	3.72
12HX330	369.1	240.3	181.7	147.6	125.0	108.9	96.7	87.1	79.3	72.9	62.9	45.0	35.2	24.8	19.3	15.8	10.3	8.38	4.34
12HX400	421.5	274.6	207.7	168.7	142.9	124.5	110.5	99.5	90.7	83.4	71.9	51.4	40.3	28.4	22.0	18.0	11.8	9.58	4.96
12HX505	546.0	378.0	282.5	223.7	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX540	575.5	400.1	304.8	242.9	202.6	174.4	153.4	137.2	124.3	113.7	97.4	68.7	53.4	37.3	28.7	23.5	15.4	12.6	6.61
6HX800	780.0	556.8	436.0	359.9	307.0	268.4	238.0	214.8	195.5	179.4	154.2	113.7	90.9	63.0	48.3	39.3	25.4	20.7	11.1

Discharge Currents (Amperes) to 1.67Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	378.1	258.6	198.5	161.7	136.3	117.6	103.7	92.9	84.3	77.2	66.5	47.3	37.1	26.3	20.6	17.0	11.4	9.42	4.96
12HX420FR+	441.1	301.8	231.6	188.6	159.0	137.2	121.0	108.4	98.3	90.1	77.6	55.2	43.3	30.6	23.8	19.4	12.5	10.2	5.06
12HX505FR+	528.7	371.5	281.4	223.7	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX560FR+	585.3	391.5	299.9	245.2	208.9	181.6	159.0	142.7	132.3	119.0	103.7	73.9	57.5	40.2	31.0	25.3	16.5	13.4	7.06

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	24.3	15.3	11.5	9.23	7.74	6.68	5.91	5.25	4.83	4.44	3.77	2.64	2.09	1.46	1.13	0.92	0.59	0.48	0.26
12HX35	38.0	23.9	18.0	14.4	12.1	10.5	9.31	8.21	7.57	6.95	5.91	4.13	3.26	2.28	1.76	1.43	0.93	0.76	0.41
6HX50	59.1	37.2	28.0	22.5	18.8	16.3	14.4	12.8	11.8	10.8	9.19	6.42	5.08	3.54	2.74	2.23	1.44	1.18	0.60
12HX50	59.1	37.2	28.0	22.5	18.8	16.3	14.4	12.8	11.8	10.8	9.19	6.42	5.08	3.54	2.74	2.23	1.44	1.18	0.60
12HX80	84.4	53.1	39.9	32.1	26.8	23.2	20.6	18.3	16.8	15.4	13.1	9.17	7.25	5.06	3.90	3.19	2.06	1.69	0.90
12HX105	105.5	66.4	49.9	40.1	33.5	29.0	25.7	22.8	21.0	19.3	16.4	11.5	9.07	6.33	4.90	3.98	2.63	2.18	1.22
12HX135	142.4	89.7	67.4	54.2	45.2	39.2	34.7	30.8	28.4	26.1	22.2	15.5	12.2	8.54	6.58	5.38	3.56	2.94	1.65
12HX150	158.2	99.6	74.9	60.2	50.4	43.5	38.6	34.2	31.5	29.0	24.6	17.2	13.6	9.49	7.38	5.98	4.06	3.39	2.00
12HX205	228.0	146.6	109.8	88.4	74.1	64.2	56.5	50.7	45.9	42.0	36.0	25.3	19.6	13.7	10.6	8.69	5.73	4.72	2.62
12HX300	312.1	206.0	155.8	126.5	107.2	93.4	82.9	74.6	68.0	62.5	53.9	38.6	30.2	21.3	16.5	13.5	8.81	7.18	3.72
12HX330	364.3	240.3	181.7	147.6	125.0	108.9	96.7	87.1	79.3	72.9	62.9	45.0	35.2	24.8	19.3	15.8	10.3	8.38	4.34
12HX400	416.2	274.6	207.7	168.7	142.9	124.5	110.5	99.5	90.7	83.4	71.9	51.4	40.3	28.4	22.0	18.0	11.8	9.58	4.96
12HX505	528.7	371.5	281.4	223.7	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX540	557.8	393.2	300.9	242.9	202.6	174.4	153.4	137.2	124.3	113.7	97.4	68.7	53.4	37.3	28.7	23.5	15.4	12.6	6.61
6HX800	754.6	543.9	427.9	354.2	303.0	265.0	235.0	212.5	193.5	178.0	153.0	113.0	90.4	62.7	48.1	39.2	25.3	20.6	11.0

Discharge Currents (Amperes) to 1.70Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	372.9	254.7	194.6	158.0	133.6	115.8	102.2	91.6	83.2	76.4	65.8	46.9	36.8	26.1	20.5	16.9	11.3	9.38	4.86
12HX420FR+	435.0	297.2	227.0	184.4	155.9	135.1	119.2	106.9	97.1	89.2	76.8	54.7	42.9	30.3	23.6	19.3	12.4	10.1	5.06
12HX505FR+	501.1	359.8	275.8	223.4	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX560FR+	555.5	379.0	292.7	240.4	205.5	179.0	156.8	140.8	130.9	117.7	102.7	73.3	57.1	39.9	30.8	25.2	16.3	13.3	7.02

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	23.7	15.2	11.3	9.05	7.60	6.59	5.83	5.24	4.76	4.36	3.73	2.61	2.04	1.45	1.12	0.91	0.59	0.48	0.26
12HX35	36.8	23.3	17.6	14.2	11.9	10.3	9.15	8.24	7.49	6.84	5.83	4.09	3.20	2.26	1.75	1.42	0.92	0.75	0.41
6HX50	57.3	36.3	27.4	22.1	18.5	16.0	14.2	12.8	11.7	10.7	9.09	6.36	4.97	3.51	2.72	2.22	1.43	1.16	0.60
12HX50	57.3	36.3	27.4	22.1	18.5	16.0	14.2	12.8	11.7	10.7	9.09	6.36	4.97	3.51	2.72	2.22	1.43	1.16	0.60
12HX80	81.8	51.9	39.1	31.5	26.4	22.9	20.3	18.3	16.6	15.2	13.0	9.09	7.11	5.02	3.88	3.16	2.05	1.67	0.89
12HX105	102.2	64.8	48.9	39.3	33.0	28.6	25.4	22.8	20.7	19.0	16.2	11.4	8.90	6.28	4.86	3.97	2.61	2.16	1.21
12HX135	138.0	88.4	66.1	53.0	44.5	38.6	34.2	30.8	28.0	25.7	21.9	15.4	12.0	8.46	6.55	5.36	3.53	2.92	1.64
12HX150	153.3	97.2	73.4	59.1	49.6	42.9	38.1	34.2	31.1	28.5	24.3	17.0	13.3	9.42	7.33	6.02	4.03	3.38	1.99
12HX205	217.1	141.8	106.6	85.9	72.2	62.5	55.2	49.6	45.0	41.2	35.4	24.9	19.3	13.5	10.5	8.56	5.66	4.68	2.60
12HX300	303.1	204.7	155.8	126.5	107.2	93.4	82.9	74.6	68.0	62.5	53.9	38.6	30.2	21.3	16.5	13.5	8.81	7.18	3.72
12HX330	353.6	238.8	181.7	147.5	125.0	108.9	96.7	87.1	79.3	72.9	62.9	45.0	35.2	24.8	19.3	15.8	10.3	8.38	4.34
12HX400	404.2	272.9	207.7	168.6	142.9	124.5	110.5	99.5	90.7	83.3	71.9	51.4	40.3	28.4	22.0	18.0	11.8	9.58	4.96
12HX505	501.1	359.8	275.8	223.4	186.3	160.3	141.0	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX540	529.6	381.1	294.2	239.1	201.9	174.4	153.4	137.2	124.3	113.7	97.4	68.7	53.4	37.3	28.7	23.5	15.4	12.6	6.61
6HX800	713.0	522.0	414.0	344.0	295.0	259.0	231.0	208.0	190.0	175.0	150.0	107.0	89.0	62.1	47.7	38.8	25.2	20.5	11.0

Discharge Currents (Amperes) to 1.75Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	355.8	247.4	189.3	153.7	129.7	112.4	99.4	89.2	81.1	74.6	64.4	46.1	36.2	25.7	20.2	16.6	11.2	9.29	4.86
12HX420FR+	414.8	288.6	220.9	179.4	151.3	131.1	116.0	104.1	94.7	87.0	75.2	53.9	42.3	29.9	23.2	19.0	12.2	10.0	5.06
12HX505FR+	450.8	333.8	262.5	215.3	182.6	158.9	140.8	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX560FR+	503.2	354.6	277.9	230.2	198.0	173.0	151.8	136.6	127.4	114.5	100.4	72.0	56.2	39.3	30.4	24.8	16.1	13.1	6.93

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	22.3	14.3	10.9	8.78	7.37	6.41	5.71	5.05	4.67	4.30	3.66	2.57	2.04	1.42	1.10	0.90	0.58	0.47	0.25
12HX35	34.9	22.4	17.0	13.8	11.5	10.0	8.89	7.91	7.31	6.73	5.73	4.02	3.19	2.23	1.72	1.41	0.91	0.74	0.40
6HX50	54.2	34.8	26.4	21.4	18.0	15.6	13.9	12.3	11.4	10.5	8.91	6.25	4.96	3.47	2.69	2.19	1.41	1.16	0.59
12HX50	54.2	34.8	26.4	21.4	18.0	15.6	13.9	12.3	11.4	10.5	8.91	6.25	4.96	3.47	2.69	2.19	1.41	1.16	0.59
12HX80	77.5	49.8	37.8	30.6	25.7	22.3	19.9	17.6	16.3	15.0	12.7	8.92	7.08	4.95	3.83	3.13	2.02	1.65	0.88
12HX105	96.8	62.2	47.2	38.2	32.1	27.9	24.8	22.0	20.3	18.7	15.9	11.2	8.85	6.19	4.79	3.91	2.58	2.13	1.19
12HX135	130.7	84.0	63.8	51.6	43.3	37.6	33.4	29.7	27.4	25.2	21.5	15.1	12.0	8.35	6.51	5.28	3.48	2.88	1.61
12HX150	145.2	93.3	70.8	57.3	48.1	41.8	37.2	33.0	30.5	28.0	23.9	16.7	13.3	9.28	7.24	5.86	3.98	3.32	1.96
12HX205	199.2	132.9	101.1	82.2	69.1	60.3	53.2	47.9	43.5	39.9	34.3	24.2	18.9	13.2	10.3	8.40	5.56	4.58	2.56
12HX300	282.7	197.0	152.3	124.7	106.1	92.8	82.5	74.5	68.0	62.5	53.9	38.6	30.2	21.3	16.5	13.5	8.81	7.18	3.72
12HX330	329.8	229.8	177.6	145.4	123.8	108.2	96.3	86.9	79.3	72.9	62.9	45.0	35.2	24.8	19.3	15.8	10.3	8.38	4.34
12HX400	376.9	262.7	203.0	166.2	141.5	123.7	110.1	99.3	90.6	83.4	71.9	51.4	40.3	28.4	22.0	18.0	11.8	9.58	4.96
12HX505	450.8	333.8	262.5	215.3	182.6	158.9	140.8	126.2	114.3	104.6	89.6	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX540	478.6	354.7	279.3	229.2	194.5	169.3	150.2	135.1	123.0	112.9	97.2	68.7	53.4	37.3	28.7	23.5	15.4	12.6	6.61
6HX800	635.0	478.3	384.4	322.5	278.0	245.3	219.0	198.7	181.7	167.4	144.8	108.0	86.9	60.6	46.7	38.1	24.7	20.1	10.7

Discharge Currents (Amperes) to 1.80Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	315.5	226.6	180.2	148.0	125.1	108.6	96.0	86.1	78.2	71.9	62.3	44.9	35.5	25.3	19.8	16.3	11.0	9.14	4.85
12HX420FR+	367.5	264.2	210.1	172.7	146.0	126.7	112.1	100.5	91.2	83.9	72.7	52.4	41.4	29.3	22.8	18.6	12.0	9.90	4.95
12HX505FR+	394.6	300.9	241.5	201.4	172.8	151.4	134.8	121.7	111.0	102.1	88.2	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX560FR+	449.1	326.7	259.9	217.3	188.1	165.2	145.2	131.0	122.7	110.3	97.3	70.1	54.9	38.6	29.9	24.4	15.9	12.9	6.83

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	20.8	13.5	10.3	8.39	7.20	6.16	5.50	4.87	4.52	4.17	3.55	2.50	2.00	1.40	1.07	0.88	0.57	0.47	0.25
12HX35	32.5	21.1	16.1	13.1	11.4	9.6	8.60	7.63	7.07	6.52	5.56	3.92	3.12	2.19	1.68	1.38	0.89	0.73	0.39
6HX50	50.5	32.9	25.1	20.4	17.3	15.0	13.0	11.9	11.0	10.1	8.65	6.09	4.86	3.41	2.64	2.15	1.39	1.13	0.57
12HX50	50.5	32.9	25.1	20.4	17.3	15.0	13.0	11.9	11.0	10.1	8.65	6.09	4.86	3.41	2.64	2.15	1.39	1.13	0.57
12HX80	72.2	46.9	35.9	29.2	25.0	21.4	19.0	16.9	15.7	14.5	12.4	8.71	6.94	4.87	3.70	3.08	1.98	1.62	0.86
12HX105	90.2	58.7	44.9	36.5	31.0	26.8	24.0	21.2	19.6	18.1	15.5	10.9	8.68	6.09	4.70	3.85	2.53	2.09	1.17
12HX135	121.8	79.2	60.6	49.2	42.0	36.1	32.0	28.6	26.5	24.5	20.9	14.7	11.7	8.22	6.30	5.19	3.42	2.82	1.58
12HX150	135.4	88.0	67.3	54.7	47.0	40.2	35.0	31.8	29.5	27.2	23.2	16.3	13.0	9.13	7.04	5.77	3.90	3.26	1.91
12HX205	178.5	121.9	93.8	76.8	62.6	56.8	50.5	45.4	41.3	37.9	32.7	23.2	18.1	12.7	9.90	8.14	5.41	4.47	2.52
12HX300	255.2	183.5	143.9	118.8	101.6	89.0	79.3	71.6	65.4	60.3	52.2	37.6	29.6	20.9	16.3	13.4	8.79	7.18	3.72
12HX330	297.7	214.2	167.9	138.6	118.6	103.8	92.5	83.6	76.4	70.3	60.9	43.9	34.5	24.4	19.0	15.6	10.3	8.38	4.34
12HX400	340.3	244.7	191.9	158.4	135.5	118.6	105.7	95.5	87.2	80.4	69.6	50.1	39.4	27.9	21.8	17.9	11.7	9.58	4.96
12HX505	394.6	300.9	241.5	201.4	172.8	151.4	134.8	121.7	111.0	102.1	88.2	63.6	49.5	35.0	27.0	22.2	14.9	12.3	6.70
12HX540	422.5	320.2	257.4	214.2	183.4	160.5	142.9	128.9	117.5	108.0	93.2	66.6	52.1	36.7	28.5	23.4	15.4	12.6	6.61
6HX800	551.9	429.0	350.3	296.9	258.0	228.8	205.0	186.9	171.3	158.3	137.5	103.4	83.6	58.7	45.3	37.0	24.1	19.6	10.5

Discharge Currents (Amperes) to 1.85Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX360FR+	262.4	191.0	155.1	130.7	112.4	99.1	88.2	79.4	72.6	67.0	57.9	41.8	33.2	23.7	18.6	15.5	10.6	8.71	4.53
12HX420FR+	305.7	222.6	180.9	152.4	131.1	115.6	102.9	92.7	84.7	78.2	67.5	48.8	38.7	27.5	21.4	17.6	11.5	9.45	4.74
12HX505FR+	332.4	261.2	213.7	180.0	155.8	137.5	123.3	111.9	102.4	94.5	82.1	59.4	46.9	33.5	26.1	21.6	14.6	12.1	6.70
12HX560FR+	394.9	296.4	239.6	202.3	176.5	155.7	137.3	124.3	117.0	105.2	93.4	67.8	53.4	37.7	29.9	24.0	15.6	12.7	6.70

DataSafe HX Battery Type	Standby Time (Minutes)										Standby Time (Hours)								
	5	10	15	20	25	30	35	40	45	50	1	1.5	2	3	4	5	8	10	20
12HX25	19.1	12.6	9.67	7.91	6.70	5.85	5.10	4.65	4.33	4.00	3.42	2.42	1.94	1.37	1.05	0.87	0.56	0.46	0.24
12HX35	29.9	19.7	15.1	12.4	10.7	9.2	8.10	7.28	6.77	6.26	5.36	3.80	3.04	2.15	1.60	1.36	0.88	0.72	0.38
6HX50	46.5	30.6	23.5	19.3	16.5	14.2	12.6	11.3	10.5	9.7	8.34	5.90	4.73	3.34	2.50	2.12	1.36	1.11	0.56
12HX50	46.5	30.6	23.5	19.3	16.5	14.2	12.6	11.3	10.5	9.7	8.34	5.90	4.73	3.34	2.50	2.12	1.36	1.11	0.56
12HX80	66.4	43.7	33.6	27.5	23.9	20.4	18.1	16.2	15.1	13.9	11.9	8.44	6.76	4.77	3.50	3.03	1.95	1.59	0.84
12HX105	83.0	54.6	42.0	34.4	29.0	25.4	22.8	20.2	18.8	17.4	14.9	10.5	8.45	5.96	4.60	3.78	2.49	2.05	1.14
12HX135	112.1	73.7	56.8	46.4	40.0	34.4	30.0	27.3	25.4	23.5	20.1	14.2	11.4	8.05	6.10	5.11	3.36	2.77	1.54
12HX150	124.6	81.9	63.1	51.6	45.0	38.2	34.0	30.3	28.2	26.1	22.3	15.8	12.7	8.94	6.84	5.67	3.83	3.20	1.87
12HX205	156.8	109.8	85.5	70.5	57.8	52.7	47.0	42.4	38.7	35.6	30.8	22.0	17.3	12.2	9.5	7.84	5.24	4.33	2.45
12HX300	221.8	164.7	130.8	108.9	93.7	82.3	73.5	66.5	60.9	56.2	48.7	35.1	27.7	19.7	15.4	12.7	8.34	6.83	3.58
12HX330	258.8	192.0	152.6	127.1	109.3	96.0	85.7	77.6	71.0	65.5	56.8	41.0	32.3	23.0	18.0	14.8	9.72	7.97	4.18
12HX400	295.7	219.6	174.4	145.2	124.9	109.7	98.0	88.7	81.2	74.9	64.9	46.9	37.0	26.3	20.5	16.9	11.1	9.11	4.78
12HX505	332.4	261.2	213.7	180.0	155.8	137.5	123.3	111.9	102.4	94.5	82.1	59.4	46.9	33.5	26.1	21.6	14.6	12.1	6.70
12HX540	360.8	280.0	227.7	191.7	166.0	146.5	131.3	119.0	108.9	100.4	87.0	62.4	48.9	34.5	26.9	22.1	14.7	12.1	6.47
6HX800	467.8	376.4	312.9	268.3	235.0	209.8	190.0	173.0	159.2	147.5	128.8	97.9	79.6	56.3	43.6	35.7	23.3	19.0	10.1

Constant Power Discharge Performance Data

Constant Power (Watts per cell) to 1.60Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	656.2	468.8	364.8	299.7	221.4	175.8	159.6	146.3	125.8	89.9	70.6	50.2	32.6	21.8	18.1	9.66
12HX420FR+	765.5	546.9	425.6	349.7	258.4	205.1	186.3	170.7	146.8	104.9	82.4	58.5	37.5	24.2	19.7	9.75
12HX505FR+	950.3	673.9	511.2	412.1	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.3
12HX560FR+	1123.2	750.4	576.2	472.3	351.6	277.6	257.7	232.4	202.9	145.6	113.9	80.1	50.8	33.2	27.0	14.2

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	47.4	30.1	22.5	18.2	13.3	10.4	9.64	8.89	7.58	5.31	4.21	2.94	1.85	1.20	0.98	0.53
12HX35	74.2	47.1	36.0	28.4	20.7	16.4	15.1	13.9	11.9	8.31	6.59	4.60	2.90	1.87	1.53	0.82
6HX50	115.4	73.3	53.0	44.3	32.3	25.4	23.5	21.6	18.5	12.9	10.3	7.16	4.51	2.91	2.38	1.21
12HX50	115.4	73.3	53.0	44.3	32.3	25.4	23.5	21.6	18.5	12.9	10.3	7.16	4.51	2.91	2.38	1.21
12HX80	164.9	104.8	80.0	63.2	46.1	36.3	33.5	30.9	26.4	18.5	14.7	10.2	6.45	4.16	3.40	1.83
12HX105	206.2	131.0	100.0	79.0	57.6	45.4	41.9	38.7	33.0	23.1	18.3	12.8	8.06	5.31	4.38	2.47
12HX135	278.3	176.8	135.0	106.7	77.8	61.3	56.6	52.2	44.5	31.2	24.7	17.3	10.9	7.17	5.92	3.33
12HX150	309.2	196.5	150.0	118.5	86.4	68.1	62.9	58.0	49.5	34.6	27.5	19.2	12.1	8.18	6.83	4.04
12HX205	435.0	280.0	210.0	169.6	124.0	85.0	88.9	81.5	69.9	48.9	38.1	26.8	17.0	11.3	9.30	5.13
12HX300	549.7	371.6	286.4	235.8	176.1	141.7	129.4	119.1	103.2	74.3	58.6	41.4	26.6	17.4	14.2	7.42
12HX330	641.4	433.5	334.1	275.1	205.5	165.4	151.0	138.9	120.4	86.7	68.4	48.4	31.0	20.3	16.5	8.65
12HX400	733.0	495.4	381.8	314.4	234.8	189.0	172.6	158.8	137.6	99.1	78.1	55.3	35.4	23.2	18.9	9.89
12HX505	950.3	673.9	511.2	412.1	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.3
12HX540	1007.0	713.7	550.0	445.6	326.3	259.5	235.9	216.2	186.1	132.4	103.7	72.8	46.5	30.4	24.8	13.2
6HX800	1428.0	1029.0	780.0	674.0	507.0	408.6	372.8	342.9	296.0	226.9	176.8	123.3	77.4	50.3	41.0	21.8

Constant Power (Watts per cell) to 1.65Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	656.2	464.3	362.2	298.4	220.6	175.1	159.0	145.8	125.7	89.9	70.5	50.2	32.6	21.8	18.1	9.66
12HX420FR+	765.5	541.6	422.5	348.1	257.4	204.3	185.6	170.1	146.7	104.9	82.2	58.5	37.5	24.2	19.7	9.76
12HX505FR+	895.6	660.0	509.8	412.1	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX560FR+	1064.6	729.8	566.0	466.4	349.0	275.6	256.5	231.0	202.2	145.1	113.4	79.7	50.5	32.9	26.8	14.1

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	45.9	29.6	23.0	18.0	13.2	10.4	9.58	8.84	7.54	5.28	4.19	2.92	1.84	1.19	0.97	0.53
12HX35	71.9	46.3	36.0	28.2	20.6	16.2	15.0	13.8	11.8	8.26	6.56	4.56	2.88	1.86	1.52	0.82
6HX50	111.9	72.1	53.0	43.8	32.0	25.3	23.3	21.5	18.4	12.8	10.2	7.10	4.48	2.90	2.37	1.21
12HX50	111.9	72.1	53.0	43.8	32.0	25.3	23.3	21.5	18.4	12.8	10.2	7.10	4.48	2.90	2.37	1.21
12HX80	159.8	103.0	80.0	62.6	45.8	36.1	33.3	30.7	26.2	18.4	14.6	10.1	6.41	4.14	3.38	1.83
12HX105	199.8	128.7	100.0	78.3	57.2	45.1	41.7	38.4	32.8	22.9	18.2	12.7	8.01	5.29	4.37	2.47
12HX135	269.7	173.7	135.0	105.7	77.2	60.9	56.3	51.9	44.2	31.0	24.6	17.1	10.8	7.14	5.89	3.33
12HX150	299.6	193.0	150.0	117.4	85.8	67.7	62.5	57.6	49.2	34.4	27.3	19.0	12.0	8.14	6.81	4.04
12HX205	418.0	273.0	206.0	167.1	122.0	96.9	88.1	80.8	69.4	48.6	37.8	26.6	16.9	11.2	9.20	5.13
12HX300	546.1	371.6	286.4	235.8	176.1	141.7	129.4	119.1	103.2	74.3	58.6	41.4	26.6	17.4	14.2	7.42
12HX330	637.2	433.5	334.1	275.1	205.5	165.4	151.0	138.9	120.4	86.7	68.4	48.4	31.0	20.3	16.5	8.65
12HX400	728.2	495.4	381.8	314.4	234.8	189.0	172.6	158.8	137.6	99.1	78.1	55.3	35.4	23.2	18.9	9.89
12HX505	895.6	660.0	509.8	412.1	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX540	952.7	698.8	544.9	445.6	326.3	259.5	235.9	216.2	186.1	132.4	103.7	72.8	46.5	30.4	24.8	13.2
6HX800	1356.0	995.0	780.0	660.0	499.0	403.5	368.5	339.3	293.2	225.4	175.8	122.7	77.1	50.0	40.8	21.7

Constant Power (Watts per cell) to 1.67Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	656.2	461.8	359.6	296.4	219.6	174.4	158.4	145.3	125.2	89.7	70.4	50.0	32.4	21.7	18.0	9.66
12HX420FR+	765.5	538.7	419.5	345.8	256.2	203.5	184.8	169.5	146.1	104.7	82.1	58.2	37.3	24.1	19.6	9.77
12HX505FR+	871.7	652.9	506.0	412.1	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX560FR+	1037.9	718.9	560.0	462.5	346.9	274.2	255.4	229.9	201.5	144.7	113.1	79.4	50.3	32.8	26.7	14.1

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	45.2	29.3	23.0	17.9	13.1	10.3	9.53	8.79	7.50	5.25	4.17	2.91	1.84	1.19	0.97	0.53
12HX35	70.8	45.8	36.0	28.0	20.5	16.2	14.9	13.8	11.7	8.22	6.53	4.56	2.87	1.86	1.52	0.82
6HX50	110.1	71.3	53.0	43.5	31.9	25.1	23.2	21.4	18.3	12.8	10.2	7.09	4.47	2.89	2.36	1.21
12HX50	110.1	71.3	53.0	43.5	31.9	25.1	23.2	21.4	18.3	12.8	10.2	7.09	4.47	2.89	2.36	1.21
12HX80	157.2	101.8	80.0	62.2	45.5	35.9	33.2	30.6	26.1	18.3	14.5	10.1	6.39	4.13	3.38	1.83
12HX105	196.5	127.3	100.0	77.7	56.9	44.9	41.5	38.2	32.6	22.8	18.1	12.7	7.98	5.28	4.36	2.47
12HX135	265.3	171.9	135.0	104.9	76.8	60.6	56.0	51.6	44.0	30.8	24.5	17.1	10.8	7.12	5.88	3.33
12HX150	294.8	191.0	150.0	116.5	85.3	67.3	62.2	57.3	48.9	34.3	27.2	19.0	12.0	8.13	6.79	4.04
12HX205	409.0	269.0	204.0	165.9	121.0	96.3	87.6	80.4	68.9	48.3	37.6	26.4	16.8	11.1	9.20	5.10
12HX300	541.5	371.6	286.4	235.8	176.1	141.7	129.4	119.1	103.2	74.3	58.6	41.4	26.6	17.4	14.2	7.42
12HX330	631.8	433.5	334.1	275.1	205.5	165.4	151.0	138.9	120.4	86.7	68.4	48.4	31.0	20.3	16.5	8.65
12HX400	722.0	495.4	381.8	314.4	234.8	189.0	172.6	158.8	137.6	99.1	78.1	55.3	35.4	23.2	18.9	9.89
12HX505	871.7	652.9	506.0	412.1	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX540	928.5	690.8	540.3	444.1	326.3	259.5	235.9	216.2	186.1	132.4	103.7	72.8	46.5	30.4	24.8	13.2
6HX800	1320.0	977.0	780.0	652.0	494.0	399.9	365.5	336.7	291.2	224.1	174.9	122.2	76.8	49.9	40.6	21.7

Constant Power (Watts per cell) to 1.70Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	656.2	458.4	355.8	292.2	216.8	172.7	157.1	144.3	124.4	89.2	70.1	49.7	32.3	21.6	18.0	9.48
12HX420FR+	765.5	534.8	415.1	340.9	252.9	201.5	183.3	168.4	145.2	104.1	81.8	58.0	37.1	23.9	19.5	9.78
12HX505FR+	834.7	636.0	498.5	409.5	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX560FR+	994.8	699.8	548.8	455.0	342.7	271.0	253.0	227.6	199.8	143.6	112.4	79.0	50.0	32.6	26.6	14.0

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	43.9	28.7	21.7	17.6	12.9	10.2	9.43	8.71	7.43	5.21	4.14	2.89	1.82	1.18	0.96	0.52
12HX35	68.8	44.9	34.0	27.6	20.2	16.0	14.8	13.6	11.6	8.16	6.48	4.52	2.86	1.84	1.51	0.81
6HX50	107.0	69.8	52.9	42.9	31.5	24.8	23.0	21.2	18.1	12.7	10.1	7.03	4.44	2.87	2.34	1.20
12HX50	107.0	69.8	52.9	42.9	31.5	24.8	23.0	21.2	18.1	12.7	10.1	7.03	4.44	2.87	2.34	1.20
12HX80	152.9	99.8	75.5	61.3	45.0	35.5	32.8	30.3	25.9	18.1	14.4	10.0	6.35	4.10	3.35	1.81
12HX105	191.1	124.7	94.4	76.6	56.2	44.4	41.0	37.9	32.3	22.7	18.0	12.6	7.93	5.24	4.32	2.44
12HX135	257.9	168.4	127.4	103.4	75.9	59.9	55.4	51.1	43.6	30.6	24.3	16.9	10.7	7.07	5.83	3.29
12HX150	286.6	187.1	141.6	114.9	84.3	66.6	61.5	56.8	48.5	34.0	27.0	18.8	11.9	8.06	6.74	4.00
12HX205	394.0	262.0	200.0	162.3	119.0	95.1	86.3	78.8	67.1	47.7	37.2	26.0	16.6	11.0	9.10	5.08
12HX300	530.9	369.5	286.4	235.8	176.1	141.7	129.4	119.1	103.2	74.3	58.6	41.4	26.6	17.4	14.2	7.42
12HX330	619.3	431.1	334.1	275.1	205.5	165.4	151.0	138.9	120.4	86.7	68.4	48.4	31.0	20.3	16.5	8.65
12HX400	707.8	492.7	381.8	314.4	234.8	189.0	172.6	158.8	137.6	99.1	78.1	55.3	35.4	23.2	18.9	9.89
12HX505	834.7	636.0	498.5	409.5	301.2	239.6	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX540	890.8	673.6	532.0	438.1	325.8	259.5	235.9	216.2	186.1	132.4	103.7	72.8	46.5	30.4	24.8	13.2
6HX800	1259.0	944.0	758.0	636.0	484.0	393.1	359.6	331.5	287.1	221.5	173.1	121.1	76.2	49.5	40.3	21.5

Constant Power (Watts per cell) to 1.75Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	636.3	450.8	350.1	287.1	212.4	169.3	154.1	141.6	122.4	88.1	69.4	49.3	32.0	21.5	17.9	9.48
12HX420FR+	741.7	525.9	408.5	334.9	247.8	197.6	179.8	165.3	142.8	102.8	81.0	57.4	36.7	23.7	19.4	9.81
12HX505FR+	772.3	596.6	479.2	397.9	297.7	239.4	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX560FR+	916.4	661.8	525.1	438.4	332.8	264.0	247.2	222.3	195.9	141.4	110.8	78.0	49.4	32.2	26.3	13.9

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	41.5	27.4	20.9	17.0	12.6	9.94	9.21	8.51	7.28	5.11	4.07	2.85	1.80	1.16	0.95	0.51
12HX35	64.9	42.9	32.7	26.6	19.6	15.6	14.4	13.3	11.4	8.00	6.37	4.46	2.82	1.82	1.49	0.80
6HX50	101.0	66.8	50.9	41.4	30.6	24.2	22.4	20.7	17.7	12.5	9.92	6.93	4.38	2.83	2.32	1.18
12HX50	101.0	66.8	50.9	41.4	30.6	24.2	22.4	20.7	17.7	12.5	9.92	6.93	4.38	2.83	2.32	1.18
12HX80	144.3	95.4	72.7	59.2	43.7	34.6	32.0	29.6	25.3	17.8	14.2	9.90	6.26	4.05	3.31	1.79
12HX105	180.4	119.3	90.8	74.0	54.6	43.2	40.1	37.0	31.7	22.2	17.7	12.4	7.83	5.17	4.27	2.41
12HX135	243.5	161.0	122.6	99.9	73.7	58.3	54.1	50.0	42.7	30.0	23.9	16.7	10.6	6.98	5.76	3.26
12HX150	270.6	178.9	136.3	111.0	81.9	64.8	60.1	55.5	47.5	33.4	26.6	18.6	11.7	7.96	6.66	3.95
12HX205	365.0	248.0	190.0	155.4	115.0	91.8	83.5	76.7	66.0	46.4	36.2	25.5	16.3	10.8	8.90	5.01
12HX300	500.6	359.2	281.7	233.2	175.0	141.4	129.2	119.0	103.2	74.3	58.6	41.4	26.6	17.4	14.2	7.42
12HX330	584.0	419.1	328.6	272.1	204.2	164.9	150.7	138.9	120.4	86.7	68.4	48.4	31.0	20.3	16.5	8.65
12HX400	667.5	479.0	375.5	311.0	233.3	188.5	172.3	158.7	137.6	99.1	78.1	55.3	35.4	23.2	18.9	9.89
12HX505	772.3	596.6	479.2	397.9	297.7	239.4	217.8	199.7	172.7	123.1	96.8	68.4	44.4	29.3	24.3	13.4
12HX540	826.4	634.4	510.8	424.2	317.4	255.3	233.0	214.4	185.4	132.4	103.7	72.8	46.5	30.4	24.8	13.2
6HX800	1141.0	877.0	713.0	603.0	463.0	377.9	346.3	319.8	277.7	215.3	168.8	118.4	74.8	48.7	39.7	21.2

Constant Power (Watts per cell) to 1.80Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	576.6	418.8	336.3	279.0	206.9	165.1	150.0	137.8	119.4	86.3	68.3	48.6	31.5	21.2	17.7	9.47
12HX420FR+	671.7	488.2	392.1	325.5	241.3	192.7	175.0	160.8	139.3	100.7	79.7	56.6	36.2	23.3	19.1	9.65
12HX505FR+	711.7	548.2	446.3	375.5	286.1	231.5	211.7	195.3	169.5	122.7	96.8	68.4	44.4	29.3	24.3	13.4
12HX560FR+	832.3	617.2	495.9	417.2	319.7	254.6	239.3	215.2	190.5	138.2	108.6	76.7	48.7	31.8	25.9	13.7

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	38.7	25.9	19.8	16.2	12.1	9.58	8.91	8.25	7.07	4.99	3.99	2.80	1.77	1.14	0.93	0.50
12HX35	60.5	40.5	31.1	25.4	18.9	15.0	13.9	12.9	11.1	7.81	6.25	4.38	2.77	1.79	1.46	0.79
6HX50	94.2	63.0	48.3	39.5	29.4	23.3	21.7	20.1	17.2	12.1	9.72	6.82	4.31	2.78	2.27	1.16
12HX50	94.2	63.0	48.3	39.5	29.4	23.3	21.7	20.1	17.2	12.1	9.72	6.82	4.31	2.78	2.27	1.16
12HX80	134.5	90.0	69.0	56.5	42.0	33.3	31.0	28.7	24.6	17.4	13.9	9.74	6.16	3.98	3.25	1.75
12HX105	168.2	112.5	86.3	70.6	52.5	41.7	38.7	35.9	30.7	21.7	17.4	12.2	7.70	5.08	4.19	2.36
12HX135	227.0	151.8	116.5	95.3	70.8	56.2	52.3	48.4	41.5	29.3	23.4	16.4	10.4	6.85	5.65	3.18
12HX150	252.2	168.7	129.4	105.9	78.7	62.5	58.1	53.8	46.1	32.5	26.0	18.3	11.6	7.82	6.53	3.86
12HX205	331.7	230.0	178.3	146.6	109.1	87.5	79.7	72.5	62.6	44.7	35.0	24.6	15.8	10.5	8.70	4.93
12HX300	457.5	339.2	269.6	224.1	169.3	137.2	125.4	115.7	100.5	72.7	57.5	40.8	26.3	17.3	14.1	7.42
12HX330	533.8	395.7	314.5	261.4	197.5	160.0	146.3	135.0	117.2	84.8	67.1	47.6	30.7	20.2	16.5	8.65
12HX400	610.0	452.2	359.4	298.8	225.7	182.9	167.2	154.3	134.0	96.9	76.7	54.4	35.1	23.1	18.8	9.89
12HX505	711.7	548.2	446.3	375.5	286.1	231.5	211.7	195.3	169.5	122.7	96.8	68.4	44.4	29.3	24.3	13.4
12HX540	762.9	584.9	476.6	400.2	303.7	245.6	224.6	207.0	179.2	128.8	101.4	71.6	46.1	30.4	24.8	13.2
6HX800	1011.2	800.2	659.5	562.3	436.6	358.4	329.3	304.7	265.4	207.1	163.0	114.9	72.9	47.6	38.8	20.8

Constant Power (Watts per cell) to 1.85Vpc at 25°C

DataSafe HX+ Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX360FR+	491.2	359.8	294.3	249.5	190.2	153.2	140.0	129.4	112.4	81.0	64.2	46.0	30.1	20.6	17.0	8.90
12HX420FR+	572.2	419.4	343.2	291.0	221.8	178.7	163.3	150.9	131.1	94.5	75.0	53.3	34.3	22.4	18.4	9.34
12HX505FR+	607.3	486.8	402.4	339.8	262.4	215.1	197.3	182.3	158.7	115.8	91.9	65.7	43.1	28.7	23.9	13.2
12HX560FR+	745.2	567.6	462.2	392.2	303.8	243.2	229.5	206.5	183.8	134.2	105.9	75.1	47.9	31.3	25.5	13.5

DataSafe HX Battery Type	Standby Time (Minutes)								Standby Time (Hours)							
	5	10	15	20	30	40	45	50	1	1.5	2	3	5	8	10	20
12HX25	35.6	24.1	18.6	15.3	11.5	9.14	8.53	7.92	6.81	4.83	3.89	2.74	1.74	1.12	0.92	0.49
12HX35	55.7	37.7	29.1	24.0	17.9	14.3	13.4	12.4	10.7	7.57	6.08	4.29	2.73	1.76	1.43	0.77
6HX50	86.6	58.6	45.3	37.3	27.9	22.3	20.8	19.3	16.6	11.8	9.46	6.68	4.24	2.73	2.23	1.13
12HX50	86.6	58.6	45.3	37.3	27.9	22.3	20.8	19.3	16.6	11.8	9.46	6.68	4.24	2.73	2.23	1.13
12HX80	123.8	83.7	64.7	53.3	39.9	31.8	29.7	27.6	23.7	16.8	13.5	9.54	6.06	3.90	3.18	1.71
12HX105	154.7	104.6	80.9	66.6	49.9	39.8	37.1	34.5	29.6	21.0	16.9	11.9	7.58	4.98	4.11	2.30
12HX135	208.9	141.3	109.2	89.9	67.3	53.7	50.1	46.5	40.0	28.4	22.8	16.1	10.2	6.73	5.55	3.11
12HX150	232.1	157.0	121.3	99.9	74.8	59.6	55.7	51.7	44.4	31.5	25.3	17.9	11.4	7.68	6.40	3.77
12HX205	296.3	210.0	164.6	136.1	102.2	82.3	75.1	68.5	59.2	42.5	33.4	23.6	15.2	10.2	8.50	4.83
12HX300	408.5	309.5	247.7	207.4	158.4	128.6	117.9	109.0	94.7	68.6	54.3	38.7	25.0	16.5	13.5	7.15
12HX330	476.6	361.1	289.0	241.9	184.8	150.1	137.6	127.1	110.5	80.1	63.4	45.1	29.2	19.2	15.7	8.35
12HX400	544.7	412.7	330.3	276.5	211.2	171.5	157.2	145.3	126.3	91.5	72.4	51.5	33.3	22.0	18.0	9.54
12HX505	607.3	486.8	402.4	339.8	262.4	215.1	197.3	182.3	158.7	115.8	91.9	65.7	43.1	28.7	23.9	13.2
12HX540	660.8	522.7	429.1	362.5	279.8	229.2	210.1	194.1	168.7	121.8	95.9	67.8	43.8	29.0	23.9	12.8
6HX800	875.1	715.4	599.1	515.9	405.5	335.4	309.0	286.7	250.7	197.1	155.9	110.5	70.5	46.2	37.8	20.3

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