

EnerSys®

Power/Full Solutions



data safe[®]
HX PLUS

data safe[®]
HX

Разрядные таблицы

Данные при разряде постоянной мощностью

Разряд постоянной мощностью (Вт/элемент) до 1.75 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	640.6	452.1	350.9	287.6	212.6	154.3	122.5
12HX420+	747.5	527.6	409.4	335.6	248.1	180.1	143.0
12HX505+	795.1	601.5	480.0	398.4	298.1	217.9	172.9
12HX560+	920.3	650.8	527.5	441.9	335.8	249.0	198.9
12HX590F-FR+	794.2	638.4	537.3	465.6	371.9	288.9	236.8
12HX660F-FR+	905.8	725.5	607.2	524.9	417.6	322.7	264.3

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	46.8	30.4	22.8	18.4	13.3	9.62	7.57
12HX35	70.3	47.0	36.0	29.1	21.2	15.2	12.0
6HX50	105.4	70.0	53.4	43.5	31.9	23.0	18.1
12HX50	105.4	70.0	53.4	43.5	31.9	23.0	18.1
12HX80	144.3	101.1	78.6	63.9	46.7	33.6	26.6
12HX105	193.6	128.0	97.5	78.9	58.6	42.3	33.6
12HX135	244.1	171.4	134.0	110.1	81.8	59.6	47.5
12HX150	270.1	195.3	152.1	126.9	96.0	71.2	57.0
12HX205	373.1	257.9	197.2	160.3	117.6	85.1	66.6
12HX300	513.3	356.7	276.9	227.2	173.3	127.8	102.1
12HX330	590.4	417.9	328.4	272.1	204.3	149.9	119.5
12HX400	671.2	478.5	371.2	308.2	230.0	170.0	136.1
12HX505	782.8	600.2	479.4	398.4	298.1	218.1	172.9
12HX540	834.9	637.7	511.0	424.5	317.8	233.8	185.5
6HX800	1141	877.0	713.0	603.0	463.0	346.3	277.7

Разряд постоянной мощностью (Вт/элемент) до 1.70 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	658.4	459.4	356.5	292.7	217.1	157.3	124.5
12HX420+	768.3	536.2	416.0	341.6	253.4	183.6	145.3
12HX505+	863.2	638.3	499.4	410.0	301.3	217.9	172.9
12HX560+	984.1	684.9	549.3	457.9	344.9	254.3	202.7
12HX590F-FR+	890.8	688.3	575.4	490.7	386.2	296.4	241.5
12HX660F-FR+	978.8	770.9	643.3	549.0	432.8	331.6	270.2

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	49.0	31.3	23.3	18.6	13.4	9.63	7.57
12HX35	72.8	47.9	36.2	29.2	21.2	15.2	12.0
6HX50	110.5	72.0	54.4	44.0	32.1	23.0	18.1
12HX50	110.5	72.0	54.4	44.0	32.1	23.0	18.1
12HX80	152.2	104.2	80.1	64.7	46.8	33.6	26.6
12HX105	205.0	133.8	101.3	81.8	60.3	43.4	34.3
12HX135	256.0	175.5	135.5	110.6	81.8	59.6	47.5
12HX150	289.1	205.0	157.6	130.0	97.4	71.5	57.0
12HX205	399.5	269.3	203.5	164.2	118.5	85.1	66.6
12HX300	545.4	368.7	283.4	231.0	174.3	127.8	102.1
12HX330	624.2	430.7	335.6	276.3	205.6	149.9	119.5
12HX400	708.1	493.2	380.0	312.8	231.6	170.0	136.1
12HX505	844.7	637.1	498.7	409.9	301.3	217.9	172.9
12HX540	897.5	674.8	531.7	438.5	326.3	235.9	186.2
6HX800	1259	944.0	758.0	636.0	484.0	359.6	287.1

Данные при разряде постоянной мощностью

Разряд постоянной мощностью (Вт/элемент) до 1.67 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	659.3	462.8	360.4	297.0	219.9	158.6	125.3
12HX420+	769.4	540.1	420.5	346.6	256.6	185.0	146.2
12HX505+	898.8	653.8	507.0	412.3	301.3	217.9	172.9
12HX560+	1032	701.9	559.7	465.0	348.5	256.3	204.0
12HX590F-FR+	940.0	710.0	590.0	502.2	392.1	299.1	243.0
12HX660F-FR+	1022	793.5	660.0	561.9	439.8	335.6	272.7

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	50.0	31.6	23.3	18.6	13.4	9.63	7.57
12HX35	73.8	48.0	36.2	29.2	21.2	15.2	12.0
6HX50	112.7	72.7	54.5	44.0	32.1	23.0	18.1
12HX50	112.7	72.7	54.5	44.0	32.1	23.0	18.1
12HX80	155.6	105.2	80.2	64.7	46.8	33.6	26.6
12HX105	210.6	136.4	102.8	82.7	60.9	43.8	34.6
12HX135	260.3	176.5	135.5	110.6	81.8	59.6	47.5
12HX150	298.7	209.0	159.6	130.7	97.4	71.5	57.0
12HX205	412.4	273.9	205.5	164.2	118.5	85.1	66.6
12HX300	557.9	373.1	284.3	231.0	174.3	127.8	102.1
12HX330	637.2	435.4	336.4	276.3	205.6	149.9	119.5
12HX400	722.1	498.4	381.2	312.8	231.6	170.0	136.1
12HX505	877.4	652.9	506.3	412.1	301.3	217.9	172.9
12HX540	930.7	690.9	540.3	444.3	326.4	235.9	186.2
6HX800	1320	977.0	780.0	652.0	494.0	365.5	291.2

Разряд постоянной мощностью (Вт/элемент) до 1.65 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	659.3	465.4	362.9	298.8	220.8	159.2	125.8
12HX420+	769.4	543.2	423.5	348.7	257.7	185.8	146.8
12HX505+	920.3	662.1	510.7	412.3	301.3	217.9	172.9
12HX560+	1061	714.9	565.1	468.5	350.1	257.0	204.5
12HX590F-FR+	965.2	722.6	597.3	507.9	394.3	299.8	243.6
12HX660F-FR+	1050	806.1	668.5	568.7	443.5	337.6	273.9

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	50.5	31.6	23.3	18.6	13.4	9.63	7.57
12HX35	74.2	48.0	36.2	29.2	21.2	15.2	12.0
6HX50	113.9	72.8	54.5	44.0	32.1	23.0	18.1
12HX50	113.9	72.8	54.5	44.0	32.1	23.0	18.1
12HX80	157.2	105.5	80.2	64.7	46.8	33.6	26.6
12HX105	214.3	138.1	103.9	83.5	61.4	44.0	34.8
12HX135	262.1	176.7	135.5	110.6	81.8	59.6	47.5
12HX150	304.3	210.9	160.5	130.7	97.4	71.5	57.0
12HX205	419.6	276.3	205.5	164.2	118.5	85.1	66.6
12HX300	563.3	374.8	284.3	231.0	174.3	127.8	102.1
12HX330	643.1	437.3	336.4	276.3	205.6	149.9	119.5
12HX400	728.7	500.3	381.2	312.8	231.6	170.0	136.1
12HX505	897.3	660.7	510.1	412.1	301.3	217.9	172.9
12HX540	951.0	699.2	544.9	445.5	326.4	235.9	186.2
6HX800	1356	995.0	780.0	660.0	499.0	368.5	293.2

Данные при разряде постоянной мощностью

Разряд постоянной мощностью (Вт/элемент) до 1.63 В/элемент при 25°C

DataSafe HX+ Тип	Минуты					
	5	10	15	20	30	45
12HX360+	659.3	469.7	365.3	300.0	221.6	159.8
12HX420+	769.4	548.2	426.3	350.1	258.6	186.4
12HX505+	940.2	669.0	511.4	412.3	301.3	217.9
12HX560+	1088	727.6	569.5	471.0	350.8	257.5
12HX590F-FR+	985.0	732.7	602.3	511.4	395.2	300.1
12HX660F-FR+	1072	817.4	675.4	574.2	446.4	339.0

DataSafe HX Тип	Минуты					
	5	10	15	20	30	45
12HX25	50.9	31.6	23.3	18.6	13.4	9.63
12HX35	74.4	48.0	36.2	29.2	21.2	15.2
6HX50	115.0	72.8	54.5	44.0	32.1	23.0
12HX50	115.0	72.8	54.5	44.0	32.1	23.0
12HX80	158.4	105.5	80.2	64.7	46.8	33.6
12HX105	218.4	139.5	104.7	84.1	61.7	44.2
12HX135	263.4	176.7	135.5	110.6	81.8	59.6
12HX150	309.1	212.5	160.5	130.7	97.4	71.5
12HX205	425.7	278.2	205.5	164.2	118.5	85.1
12HX300	567.2	374.8	284.3	231.0	174.3	127.8
12HX330	647.6	437.2	336.4	276.3	205.6	149.9
12HX400	733.7	500.3	381.2	312.8	231.6	170.0
12HX505	915.7	667.1	510.9	412.1	301.3	217.9
12HX540	969.9	706.1	548.7	445.5	326.4	235.9
6HX800	1399	1015	780.0	668.4	503.8	371.1

Разряд постоянной мощностью (Вт/элемент) до 1.60 В/элемент при 25°C

DataSafe HX+ Тип	Минуты					
	5	10	15	20	30	45
12HX360+	659.3	469.7	365.3	300.0	221.6	159.8
12HX420+	769.4	548.2	426.3	350.1	258.6	186.4
12HX505+	966.7	677.3	511.4	412.3	301.3	217.9
12HX560+	1123	742.9	573.6	473.1	351.5	257.5
12HX590F-FR+	1006	740.3	604.9	512.8	395.2	300.1
12HX660F-FR+	1099	832.0	683.0	580.1	449.0	339.8

DataSafe HX Тип	Минуты					
	5	10	15	20	30	45
12HX25	51.4	31.6	23.3	18.6	13.4	9.63
12HX35	74.6	48.0	36.2	29.2	21.2	15.2
6HX50	116.1	72.8	54.5	44.0	32.1	23.0
12HX50	116.1	72.8	54.5	44.0	32.1	23.0
12HX80	159.6	105.5	80.2	64.7	46.8	33.6
12HX105	221.2	140.5	105.2	84.5	61.8	44.4
12HX135	264.2	176.7	135.5	110.6	81.8	59.6
12HX150	315.1	214.0	160.5	130.7	97.4	71.5
12HX205	433.2	278.8	205.5	164.2	118.5	85.1
12HX300	571.0	374.8	284.3	231.0	174.3	127.8
12HX330	652.0	437.2	336.4	276.3	205.6	149.9
12HX400	738.6	500.3	381.2	312.8	231.6	170.0
12HX505	940.5	675.0	510.9	412.1	301.3	217.9
12HX540	994.8	714.5	549.5	445.5	326.4	235.9
6HX800	1428	1029	780.0	674.0	507.0	372.8

Данные при разряде постоянным током

Разряд постоянным током (А) до 1.75 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	358.2	248.0	189.6	153.9	112.5	81.3	64.5
12HX420+	418.1	289.3	221.3	179.6	131.3	94.8	75.3
12HX505+	451.0	333.9	262.5	215.4	158.9	114.3	89.6
12HX560+	510.7	358.8	286.5	237.9	178.8	131.5	104.5
12HX590F-FR+	449.5	355.8	294.4	252.6	199.2	152.5	124.0
12HX660F-FR+	511.3	404.7	332.9	284.7	222.8	169.3	137.4

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	25.6	16.3	12.1	9.64	6.93	4.98	3.89
12HX35	38.6	25.2	19.1	15.2	10.9	7.80	6.11
6HX50	57.8	37.7	28.4	22.9	16.7	11.9	9.26
12HX50	57.8	37.7	28.4	22.9	16.7	11.9	9.26
12HX80	80.4	55.1	42.2	33.9	24.4	17.4	13.6
12HX105	103.9	66.8	50.7	40.8	29.9	21.4	16.9
12HX135	135.9	93.4	71.8	58.4	42.7	30.8	24.3
12HX150	152.1	106.7	82.6	68.2	51.0	37.4	29.5
12HX205	208.0	140.6	106.0	85.4	61.9	44.0	34.4
12HX300	286.4	195.0	149.0	121.4	92.1	66.7	52.8
12HX330	329.2	228.9	177.4	145.6	108.0	78.3	61.7
12HX400	375.6	261.1	200.4	165.0	121.5	89.0	70.4
12HX505	445.1	333.1	262.3	215.4	158.9	114.3	89.6
12HX540	473.3	353.8	279.1	229.2	169.3	123.0	97.3
6HX800	635.0	478.3	384.4	322.5	245.3	181.7	144.8

Разряд постоянным током (А) до 1.70 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	373.9	255.1	194.9	158.2	115.9	83.3	65.9
12HX420+	436.4	297.7	227.4	184.7	135.3	97.3	76.9
12HX505+	501.3	359.9	275.9	223.4	160.3	114.3	89.6
12HX560+	557.7	384.0	302.7	249.1	185.5	135.4	107.0
12HX590F-FR+	511.9	393.2	321.5	270.1	209.0	157.8	127.4
12HX660F-FR+	565.6	439.9	359.0	303.0	233.7	175.6	141.7

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	27.3	16.9	12.4	9.77	6.96	4.98	3.89
12HX35	40.6	25.8	19.2	15.2	10.9	7.80	6.11
6HX50	61.7	39.0	29.1	23.2	16.8	11.9	9.26
12HX50	61.7	39.0	29.1	23.2	16.8	11.9	9.26
12HX80	86.4	57.3	43.2	34.4	24.5	17.4	13.6
12HX105	110.0	69.8	52.7	42.1	30.8	21.9	17.3
12HX135	145.1	96.3	72.8	58.6	42.7	30.8	24.3
12HX150	166.2	113.9	86.2	70.6	51.8	37.5	29.5
12HX205	227.0	148.5	110.3	87.6	62.3	44.0	34.4
12HX300	310.0	203.6	154.2	123.6	92.7	66.7	52.8
12HX330	355.0	238.4	183.1	148.5	108.7	78.3	61.7
12HX400	403.9	272.9	206.7	168.3	122.2	89.0	70.4
12HX505	492.5	359.2	275.5	223.4	160.3	114.3	89.6
12HX540	521.5	380.5	293.8	239.2	174.4	124.3	97.4
6HX800	713.0	522.0	414.0	344.0	259.0	190.0	150.0

Данные при разряде постоянным током

Разряд постоянным током (А) до 1.67 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	379.0	259.1	198.8	162.0	117.7	84.3	66.5
12HX420+	442.3	302.3	232.0	189.0	137.4	98.4	77.6
12HX505+	528.9	371.6	281.4	223.7	160.3	114.3	89.6
12HX560+	593.4	397.6	310.7	254.5	188.4	137.0	108.2
12HX590F-FR+	546.4	411.3	333.9	278.3	213.4	160.0	128.9
12HX660F-FR+	598.5	458.7	372.7	312.0	239.1	178.6	143.7

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	28.0	17.1	12.4	9.77	6.96	4.98	3.89
12HX35	41.4	25.8	19.2	15.2	10.9	7.80	6.11
6HX50	63.4	39.5	29.1	23.2	16.8	11.9	9.26
12HX50	63.4	39.5	29.1	23.2	16.8	11.9	9.26
12HX80	89.3	58.1	43.2	34.4	24.5	17.4	13.6
12HX105	113.0	71.2	53.5	42.7	31.1	22.2	17.4
12HX135	149.2	97.0	72.8	58.6	42.7	30.8	24.3
12HX150	173.8	117.0	87.6	70.9	51.8	37.5	29.5
12HX205	236.8	153.6	111.0	87.6	62.3	44.0	34.4
12HX300	320.3	207.0	154.3	123.6	92.7	66.7	52.8
12HX330	366.2	242.3	183.2	148.5	108.7	78.3	61.7
12HX400	416.0	277.7	206.8	168.3	122.2	89.0	70.4
12HX505	518.6	371.1	281.0	223.7	160.3	114.3	89.6
12HX540	548.3	392.7	300.4	242.9	174.4	124.3	97.4
6HX800	754.6	543.9	427.9	354.2	265.0	193.5	153.0

Разряд постоянным током (А) до 1.65 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	382.2	261.9	201.1	163.4	118.6	84.9	67.0
12HX420+	446.1	305.7	234.7	190.7	138.4	99.1	78.2
12HX505+	546.1	378.0	282.5	223.7	160.3	114.3	89.6
12HX560+	615.8	405.7	315.3	257.4	189.9	137.7	108.2
12HX590F-FR+	566.9	420.6	340.4	282.7	215.4	160.9	129.4
12HX660F-FR+	619.1	469.6	380.5	317.3	242.1	180.3	144.7

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	28.4	17.1	12.4	9.77	6.96	4.98	3.89
12HX35	41.8	25.8	19.2	15.2	10.9	7.80	6.11
6HX50	64.4	39.5	29.1	23.2	16.8	11.9	9.26
12HX50	64.4	39.5	29.1	23.2	16.8	11.9	9.26
12HX80	90.8	58.1	43.2	34.4	24.5	17.4	13.6
12HX105	115.0	72.0	54.0	43.1	31.3	22.3	17.5
12HX135	151.3	97.0	72.8	58.6	42.7	30.8	24.3
12HX150	178.3	118.7	87.8	70.9	51.8	37.5	29.5
12HX205	242.5	153.5	111.0	87.6	62.3	44.0	34.4
12HX300	325.6	207.5	154.3	123.6	92.7	66.7	52.8
12HX330	372.1	242.8	183.2	148.5	108.7	78.3	61.7
12HX400	422.3	278.4	206.8	168.3	122.2	89.0	70.4
12HX505	535.0	377.7	282.1	223.7	160.3	114.3	89.6
12HX540	565.2	399.7	304.2	242.9	174.4	124.3	97.4
6HX800	780.0	556.8	436.0	359.9	268.4	195.5	154.2

Данные при разряде постоянным током

Разряд постоянным током (А) до 1.63 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	385.5	265.0	202.9	164.4	119.2	85.2	67.1
12HX420+	449.9	309.3	236.7	191.9	139.1	99.5	78.3
12HX505+	562.5	383.5	282.5	223.7	160.3	114.3	89.6
12HX560+	637.6	413.1	318.9	259.7	190.9	138.2	109.0
12HX590F-FR+	586.0	428.4	345.3	285.7	216.4	161.0	129.4
12HX660F-FR+	638.3	479.5	387.2	321.9	244.6	181.7	145.6

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	28.8	17.1	12.4	9.77	6.96	4.98	3.89
12HX35	42.1	25.8	19.2	15.2	10.9	7.80	6.11
6HX50	65.2	39.5	29.1	23.2	16.8	11.9	9.26
12HX50	65.2	39.5	29.1	23.2	16.8	11.9	9.26
12HX80	92.0	58.1	43.2	34.4	24.5	17.4	13.6
12HX105	117.2	72.8	54.4	43.3	31.5	22.4	17.6
12HX135	152.9	97.0	72.8	58.6	42.7	30.8	24.3
12HX150	182.3	120.0	87.8	70.9	51.8	37.5	29.5
12HX205	247.5	154.2	111.0	87.6	62.3	44.0	34.4
12HX300	330.1	207.5	154.3	123.6	92.7	66.7	52.8
12HX330	377.0	242.8	183.2	148.5	108.7	78.3	61.7
12HX400	427.5	278.4	206.8	168.3	122.2	89.0	70.4
12HX505	550.6	383.3	282.1	223.7	160.3	114.3	89.6
12HX540	581.3	405.9	305.3	242.9	174.4	124.3	97.4
6HX800	811.6	571.6	444.9	365.8	271.6	197.2	155.3

Разряд постоянным током (А) до 1.60 В/элемент при 25°C

DataSafe HX+ Тип	Минуты						
	5	10	15	20	30	45	60
12HX360+	390.5	268.1	204.1	165.2	119.8	85.5	67.2
12HX420+	455.7	312.9	238.2	192.8	139.8	99.8	78.5
12HX505+	585.3	390.5	282.5	223.7	160.3	114.3	89.6
12HX560+	665.7	422.2	322.8	261.8	191.9	138.6	109.3
12HX590F-FR+	610.2	436.9	349.1	287.3	216.7	161.0	129.4
12HX660F-FR+	664.3	491.8	395.5	327.5	247.5	183.0	146.3

DataSafe HX Тип	Минуты						
	5	10	15	20	30	45	60
12HX25	29.1	17.1	12.4	9.77	6.96	4.98	3.89
12HX35	42.1	25.8	19.2	15.2	10.9	7.80	6.11
6HX50	66.2	39.5	29.1	23.2	16.8	11.9	9.26
12HX50	66.2	39.5	29.1	23.2	16.8	11.9	9.26
12HX80	93.6	58.1	43.2	34.4	24.5	17.4	13.6
12HX105	118.7	73.3	54.7	43.5	31.6	22.5	17.6
12HX135	154.7	97.0	72.8	58.6	42.7	30.8	24.3
12HX150	187.7	120.7	87.8	70.9	51.8	37.5	29.5
12HX205	254.0	154.2	111.0	87.6	62.3	44.0	34.4
12HX300	335.5	207.5	154.3	123.6	92.7	66.7	52.8
12HX330	382.9	242.8	183.2	148.5	108.7	78.3	61.7
12HX400	433.9	278.4	206.8	168.3	122.2	89.0	70.4
12HX505	572.6	390.4	282.1	223.7	160.3	114.3	89.6
12HX540	603.5	413.9	305.3	242.9	174.4	124.3	97.4
6HX800	832.7	581.4	450.7	369.8	273.8	198.3	156.0



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