

X9 SERIES 6KW UPS RUNTIME

NFLUX X9 series represents the latest in high efficiency, maximum power UPS system technology providing reliable and flexible power protection for edge device applications.



Model		6000	6000+EBM*1	6000+EBM*2	6000+EBM*3	6000+EBM*4	6000+EBM*5
Rating (VA)		6000 VA	6000 VA	6000 VA	6000 VA	6000 VA	6000 VA
PF		1	1	1	1	1	1
Battery		12V 7AH x 16	12V 9AH x (16+16)	12V 9AH x (16+32)	12V 9AH x (16+48)	12V 9AH x (16+64)	12V 9AH x (16+80)
Battery Capacity (V*AH)		1344	2688	4032	5376	6720	8064
Efficiency	Percentage	92%	92%	92%	92%	92%	92%
Loading (Watts%)	10%	79.7	193.7	320.6	456.0	597.5	744.1
	15%	46.5	115.8	193.7	277.2	364.9	456.0
	20%	31.3	79.7	134.6	193.7	255.9	320.6
	25%	22.8	59.4	101.1	146.1	193.7	243.3
	30%	17.5	46.5	79.7	115.8	153.9	193.7
	35%	13.9	37.6	65.1	94.9	126.5	159.5
	40%	11.4	31.3	54.4	79.7	106.5	134.6
	45%	9.4	26.5	46.5	68.3	91.5	115.8
	50%	8.0	22.8	40.2	59.4	79.7	101.1
	55%	6.8	19.9	35.3	52.2	70.3	89.3
	60%	5.9	17.5	31.3	46.5	62.7	79.7
	65%	5.1	15.6	28.0	41.7	56.3	71.7
	70%	4.5	13.9	25.2	37.6	51.0	65.1
	75%	4.0	12.5	22.8	34.2	46.5	59.4
	80%	3.5	11.4	20.8	31.3	42.6	54.4
	85%	3.2	10.3	19.0	28.7	39.2	50.2
	90%	2.8	9.4	17.5	26.5	36.2	46.5
	95%	2.5	8.7	16.2	24.6	33.6	43.2
	100%	1.0	1.0	1.0	1.0	1.0	1.0

*Battery runtimes are estimated and can differ based on factors such as equipment, configuration, battery age, temperature, etc. The actual runtimes may deviate by up to ±15% from these standard values.

X9 SERIES 6KW SUPER CHARGED UPS RUNTIME

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Model		6000+EBM*1	6000+EBM*2	6000+EBM*3	6000+EBM*4	6000+EBM*5
Rating(VA)		6000 VA	6000 VA	6000 VA	6000 VA	6000 VA
PF		1	1	1	1	1
Battery		12V 7AH x (20)	12V 7AH x (20+20)	12V 7AH x (20+40)	12V 7AH x (20+60)	12V 7AH x (20+80)
Battery Capacity (V*AH)		3360	5040	6720	8400	10080
Efficiency	Percentage	92%	92%	92%	92%	92%
Loading (Watts%)	Percentage	92%	92%	92%	92%	92%
	10%	255.9	421.5	597.5	781.4	971.5
	15%	153.9	255.9	364.9	479.2	597.5
	20%	106.5	178.6	255.9	337.1	421.5
	25%	79.7	134.6	193.7	255.9	320.6
	30%	62.7	106.5	153.9	203.9	255.9
	35%	51.0	87.2	126.5	167.9	211.2
	40%	42.6	73.2	106.5	141.8	178.6
	45%	36.2	62.7	91.5	122.0	153.9
	50%	31.3	54.4	79.7	106.5	134.6
	55%	27.4	47.9	70.3	94.2	119.1
	60%	24.2	42.6	62.7	84.1	106.5
	65%	21.6	38.1	56.3	75.7	96.1
	70%	19.4	34.4	51.0	68.7	87.2
	75%	17.5	31.3	46.5	62.7	79.7
	80%	15.9	28.6	42.6	57.5	73.2
	85%	14.5	26.2	39.2	53.0	67.6
	90%	13.3	24.2	36.2	49.1	62.7
	95%	12.3	22.4	33.6	45.6	58.3
	100%	11.4	20.8	31.3	42.6	54.4

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X9 SERIES 10KW UPS RUNTIME

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Model			10000	10000+EBM*1	10000+EBM*2	10000+EBM*3	10000+EBM*4	10000+EBM*5
Rating (VA)			10000 VA	10000 VA	10000 VA	10000 VA	10000 VA	10000 VA
PF			1	1	1	1	1	1
Battery			12V 9AH x 16	12V 9AH x (16+16)	12V 9AH x (16+32)	12V 9AH x (16+48)	12V 9AH x (16+64)	12V 9AH x (16+80)
Battery Capacity (V*AH)			1728	3456	5184	6912	8640	10368
Efficiency	Percentage	Watts	92%	92%	92%	92%	92%	92%
Loading (Watts%)	10%	1,000	56.5	139.5	232.5	331.9	436.2	544.3
	15%	1,500	32.5	82.7	139.5	200.7	265.0	331.9
	20%	2,000	21.7	56.5	96.4	139.5	185.0	232.5
	25%	2,500	15.6	41.8	72.0	104.8	139.5	175.8
	30%	3,000	11.9	32.5	56.5	82.7	110.5	139.5
	35%	3,500	9.3	26.2	45.9	67.5	90.5	114.5
	40%	4,000	7.5	21.7	38.3	56.5	76.0	96.4
	45%	4,500	6.2	18.3	32.5	48.3	65.1	82.7
	50%	5,000	5.2	15.6	28.1	41.8	56.5	72.0
	55%	5,500	4.4	13.5	24.5	36.7	49.7	63.5
	60%	6,000	3.7	11.9	21.7	32.5	44.2	56.5
	65%	6,500	3.2	10.5	19.3	29.1	39.6	50.8
	70%	7,000	2.8	9.3	17.3	26.2	35.8	45.9
	75%	7,500	2.4	8.4	15.6	23.8	32.5	41.8
	80%	8,000	2.1	7.5	14.2	21.7	29.7	38.3
	85%	8,500	1.8	6.8	12.9	19.8	27.3	35.2
	90%	9,000	1.6	6.2	11.9	18.3	25.2	32.5
	95%	9,500	1.4	5.6	10.9	16.9	23.3	30.2
	100%	10,000	1.0	1.0	1.0	1.0	1.0	1.0

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X9 SERIES 10KW SUPER CHARGED UPS RUNTIME

NFLUX X9 series represents the latest in high efficiency, maximum power UPS system technology providing reliable and flexible power protection for edge device applications.



Model		10000+EBM*1	10000+EBM*2	10000+EBM*3	10000+EBM*4	10000+EBM*5	10000+EBM*5
Rating(VA)		10000 VA	10000 VA	10000 VA	10000 VA	10000 VA	10000 VA
PF		1	1	1	1	1	1
Battery		12V 9AH x (20)	12V 9AH x (20+20)	12V 9AH x (20+40)	12V 9AH x (20+60)	12V 9AH x (20+80)	12V 9AH x (16+80)
Battery Capacity (V*AH)		4800	7200	9600	12000	14400	10368
Efficiency	Percentage	92%	92%	92%	92%	92%	92%
Loading (Watts%)	10%	211.2	349.0	495.8	649.4	808.2	544.3
	15%	126.5	211.2	301.9	397.1	495.8	331.9
	20%	87.2	147.0	211.2	278.8	349.0	232.5
	25%	65.1	110.5	159.5	211.2	265.0	175.8
	30%	51.0	87.2	126.5	167.9	211.2	139.5
	35%	41.4	71.3	103.7	138.1	174.0	114.5
	40%	34.4	59.7	87.2	116.4	147.0	96.4
	45%	29.2	51.0	74.8	100.0	126.5	82.7
	50%	25.2	44.2	65.1	87.2	110.5	72.0
	55%	22.0	38.8	57.3	77.0	97.7	63.5
	60%	19.4	34.4	51.0	68.7	87.2	56.5
	65%	17.2	30.8	45.8	61.8	78.6	50.8
	70%	15.4	27.8	41.4	55.9	71.3	45.9
	75%	13.9	25.2	37.6	51.0	65.1	41.8
	80%	12.6	23.0	34.4	46.7	59.7	38.3
	85%	11.5	21.0	31.6	43.0	55.1	35.2
	90%	10.5	19.4	29.2	39.8	51.0	32.5
	95%	9.7	17.9	27.1	37.0	47.4	30.2
	100%	8.9	16.6	25.2	34.4	44.2	1.0

*Battery runtimes are estimated and can differ based on factors such as equipment, configuration, battery age, temperature, etc. The actual runtimes may deviate by up to ±15% from these standard values.