

**PowerSafe™**  
V  
FRONT TERMINAL

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*PERFORMANCE  
SPECIFICATIONS*

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Discharge Rates in Amperes to 1.69Vpc at 25°C/77°F

Table with 23 columns: Type, Minutes (5-55), Hours (1-24). Rows include battery types like 12V30F, 12V38F, 12V62F, 12V92F, 8V100F, 12V100F, 12V105F, 12V125F, 12V155FS, and 12V170F.

Discharge Rates in Amperes to 1.71Vpc at 25°C/77°F

Table with 23 columns: Type, Minutes (5-55), Hours (1-24). Rows include battery types like 12V30F, 12V38F, 12V62F, 12V92F, 8V100F, 12V100F, 12V105F, 12V125F, 12V155FS, and 12V170F.

Discharge Rates in Amperes to 1.73Vpc at 25°C/77°F

Table with 23 columns: Type, Minutes (5-55), Hours (1-24). Rows include battery types like 12V30F, 12V38F, 12V62F, 12V92F, 8V100F, 12V100F, 12V105F, 12V125F, 12V155FS, and 12V170F.

Discharge Rates in Amperes to 1.75Vpc at 25°C/77°F

Table with 23 columns: Type, Minutes (5-55), Hours (1-24). Rows include battery types like 12V30F, 12V38F, 12V62F, 12V92F, 8V100F, 12V100F, 12V105F, 12V125F, 12V155FS, and 12V170F.

# Constant Current

## Discharge Rates in Amperes to 1.80Vpc at 25°C/77°F

Type	Minutes											Hours													
	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V30F	160.1	92.2	67.1	53.6	45.1	39.0	34.7	31.2	28.4	26.1	24.2	22.6	16.2	12.8	10.6	9.10	7.08	5.79	4.90	4.25	3.86	3.44	3.11	2.44	1.22
12V38F	152.5	103.5	79.0	64.3	54.3	47.1	41.7	37.4	33.9	31.0	28.7	26.5	18.7	14.4	11.9	10.0	7.76	6.34	5.37	4.69	4.29	4.06	3.88	2.95	1.63
12V62F	229.3	164.1	128.9	107.3	92.4	81.3	72.6	65.7	60.1	55.0	51.1	45.1	34.2	26.9	22.0	18.8	14.6	11.9	10.0	8.75	7.74	6.93	6.29	5.90	2.79
12V92F	294.3	211.0	167.0	138.8	120.5	105.5	95.2	86.4	79.0	73.0	67.9	63.4	45.9	36.2	30.1	25.8	20.1	16.5	14.1	12.3	11.3	10.2	9.33	7.73	4.28
8V100F	247.7	194.3	160.4	136.7	118.2	104.9	95.8	88.2	80.9	74.7	69.3	64.6	47.8	37.9	31.9	27.4	21.8	18.2	15.6	13.8	12.3	11.2	10.3	8.70	4.70
12V100F	247.7	194.3	160.4	136.7	118.2	104.9	95.8	88.2	80.9	74.7	69.3	64.6	47.8	37.9	31.9	27.4	21.8	18.2	15.6	13.8	12.3	11.2	10.3	8.70	4.70
12V105F	267.3	214.9	171.7	143.9	126.4	112.1	102.8	94.6	86.4	81.2	76.1	70.9	52.4	42.1	35.0	29.8	23.6	19.5	16.76	14.70	13.06	11.72	10.79	9.15	4.83
12V125F	298.1	226.6	190.7	165.1	147.6	130.8	120.5	110.1	99.7	93.3	87.0	80.6	59.2	47.1	39.7	34.3	27.2	22.5	19.43	17.17	15.46	13.98	12.75	10.79	5.43
12V155FS	368.9	289.9	241.4	211.5	188.4	169.1	153.5	140.3	129.2	119.9	114.7	104.0	75.7	60.0	49.9	43.0	33.8	28.0	24.0	21.1	18.7	17.0	15.4	13.1	6.98
12V170F	428.8	340.8	281.4	239.9	209.3	185.8	167.2	152.2	139.9	129.6	120.9	113.2	82.6	65.8	54.9	47.3	37.3	31.1	27.0	23.8	21.3	19.2	17.4	14.8	8.33

## Discharge Rates in Amperes to 1.85Vpc at 25°C/77°F

Type	Minutes											Hours													
	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V30F	157.9	89.4	64.8	51.8	43.5	37.9	33.6	30.3	27.6	25.5	23.6	22.1	15.9	12.6	10.5	9.01	7.02	5.75	4.87	4.22	3.82	3.41	3.08	2.48	1.22
12V38F	139.5	98.8	76.7	63.0	53.4	46.5	41.1	36.9	33.5	30.7	28.4	26.3	18.4	14.2	11.6	9.89	7.62	6.21	5.27	4.60	4.08	3.98	3.81	2.87	1.63
12V62F	208.8	152.4	121.5	102.0	88.2	77.9	69.9	63.6	58.2	53.4	49.6	43.9	33.6	26.6	21.8	18.7	14.5	11.9	10.0	8.75	7.74	6.93	6.29	5.89	2.76
12V92F	268.3	196.1	157.4	132.5	115.2	101.7	91.5	83.3	76.5	70.8	66.0	61.7	45.1	35.7	29.7	25.4	20.0	16.4	14.0	12.3	11.3	10.2	9.26	7.72	4.18
8V100F	216.9	175.8	146.0	126.4	110.0	97.7	89.7	83.1	76.5	70.8	65.9	61.6	46.1	36.8	30.6	26.3	20.9	17.5	15.1	13.4	11.9	10.9	10.0	8.50	4.60
12V100F	216.9	175.8	146.0	126.4	110.0	97.7	89.7	83.1	76.5	70.8	65.9	61.6	46.1	36.8	30.6	26.3	20.9	17.5	15.1	13.4	11.9	10.9	10.0	8.50	4.60
12V105F	250.8	192.2	157.3	132.6	117.2	104.9	95.3	87.4	80.2	75.0	70.4	65.8	48.5	39.1	32.7	27.8	22.3	18.5	15.83	13.88	12.34	11.21	10.28	8.74	4.52
12V125F	255.3	193.1	164.3	142.8	128.4	114.1	106.1	97.3	88.5	83.0	78.2	72.6	54.6	43.1	36.4	31.1	25.0	20.7	18.09	15.93	14.31	12.95	11.84	10.12	5.43
12V155FS	308.0	257.8	218.8	193.6	173.5	156.4	142.5	130.6	120.5	112.0	107.4	97.7	71.2	56.4	47.0	40.5	31.9	26.4	22.7	19.9	17.7	16.0	14.6	12.4	6.60
12V170F	361.2	292.8	245.9	212.2	186.7	167.0	151.3	138.6	128.0	119.0	111.2	104.3	77.1	61.8	51.8	44.7	35.4	29.7	25.8	22.7	20.3	18.3	16.6	14.2	8.07





Discharge Rates in Watts per Cell to 1.80Vpc at 25°C/77°F

Type	Minutes											Hours													
	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V30F	298.6	174.8	128.9	100.9	87.6	76.1	67.7	61.2	55.7	51.5	47.9	44.6	32.3	25.5	21.2	18.2	14.2	11.6	9.85	8.54	7.77	6.93	6.26	4.79	2.44
12V38F	284.5	196.1	151.1	123.0	105.8	91.7	81.4	73.2	66.5	61.1	56.5	52.4	37.1	28.8	23.7	20.0	15.5	12.7	10.8	9.44	8.64	8.19	7.83	5.91	3.26
12V62F	424.1	309.1	246.2	206.1	178.1	157.7	140.8	128.0	117.4	106.8	99.2	87.8	67.0	53.4	43.5	37.5	29.1	23.8	20.1	17.5	15.5	13.9	12.6	10.6	5.59
12V92F	543.1	397.6	317.1	266.1	231.6	204.8	184.6	167.6	153.7	142.9	133.1	124.2	90.9	71.9	60.0	51.4	40.3	33.2	28.4	24.8	22.8	20.6	18.7	15.6	8.56
8V100F	455.4	362.9	301.2	258.0	225.1	199.4	183.0	168.6	155.2	143.9	133.6	124.4	92.0	72.9	61.3	52.8	42.5	35.6	30.7	27.1	24.4	22.1	20.3	17.3	9.40
12V100F	455.4	362.9	301.2	258.0	225.1	199.4	183.0	168.6	155.2	143.9	133.6	124.4	92.0	72.9	61.3	52.8	42.5	35.6	30.7	27.1	24.4	22.1	20.3	17.3	9.40
12V105F	518.1	394.8	320.7	269.3	237.5	210.7	192.2	176.8	162.4	152.1	141.9	133.6	99.7	80.2	66.8	57.6	46.3	38.0	32.90	28.78	25.39	22.82	20.97	17.89	9.46
12V125F	544.8	416.4	355.0	310.3	279.2	247.3	228.2	209.0	190.7	178.7	166.7	155.6	116.5	90.9	76.7	67.0	53.6	43.9	38.24	34.03	30.43	27.55	25.17	21.38	10.86
12V155FS	664.1	529.3	446.9	393.5	352.4	317.9	289.9	266.1	246.1	229.5	220.4	200.0	145.9	115.9	96.7	83.4	65.7	54.5	46.8	41.1	36.6	33.1	30.2	25.6	13.6
12V170F	764.8	619.7	517.2	443.1	389.6	347.9	314.0	286.7	264.2	245.4	229.5	215.6	159.2	127.0	106.3	91.8	72.7	60.5	52.2	46.2	41.4	37.6	34.2	29.2	16.8

Discharge Rates in Watts per Cell to 1.85Vpc at 25°C/77°F

Type	Minutes											Hours													
	5	10	15	20	25	30	35	40	45	50	55	1	1.5	2	2.5	3	4	5	6	7	8	9	10	12	24
12V30F	297.5	171.6	124.7	100.9	85.3	74.1	66.1	59.7	54.5	50.4	46.8	43.6	31.8	25.2	21.0	18.0	14.1	11.5	9.79	8.46	7.70	6.87	6.20	4.99	2.37
12V38F	261.8	188.6	147.9	122.0	104.3	91.0	80.9	72.7	66.1	60.8	56.2	52.1	36.8	28.5	23.3	19.8	15.3	12.4	10.6	9.26	8.48	8.03	7.69	5.81	3.26
12V62F	392.7	291.0	234.6	197.7	171.8	152.5	136.6	124.9	114.2	104.4	97.1	86.1	66.0	52.9	43.1	37.3	29.0	23.7	20.1	17.5	15.5	13.8	12.6	10.5	5.51
12V92F	504.2	375.2	302.3	256.6	223.2	197.5	179.3	163.4	149.6	139.7	130.3	121.0	89.5	71.1	59.4	47.9	39.9	33.0	28.2	24.6	22.6	20.4	18.6	15.4	8.36
8V100F	406.1	333.1	278.6	241.6	211.8	188.1	173.7	161.4	148.0	137.8	128.5	120.3	90.4	72.4	60.5	52.0	41.4	34.7	30.1	26.6	24.0	21.7	19.9	17.1	9.40
12V100F	406.1	333.1	278.6	241.6	211.8	188.1	173.7	161.4	148.0	137.8	128.5	120.3	90.4	72.4	60.5	52.0	41.4	34.7	30.1	26.6	24.0	21.7	19.9	17.1	9.40
12V105F	463.6	360.8	296.1	250.8	221.0	198.4	179.9	165.5	152.1	141.9	133.6	126.2	93.9	75.8	63.5	54.5	43.5	36.0	30.84	27.24	24.06	21.90	20.05	17.06	8.94
12V125F	473.0	363.0	311.1	272.0	246.5	221.8	205.8	189.9	172.3	161.9	151.6	141.2	106.6	84.6	72.3	62.2	49.5	40.7	35.98	31.87	28.78	25.91	23.52	20.07	10.86
12V155FS	569.8	479.6	409.4	363.4	326.9	295.6	270.5	249.0	230.7	215.5	207.6	188.8	137.9	109.6	91.5	79.0	62.2	51.6	44.3	38.9	34.7	31.4	28.6	24.3	12.9
12V170F	665.0	544.4	459.1	398.5	353.2	315.5	286.4	263.1	243.9	227.7	213.7	201.2	149.5	120.2	101.1	87.5	69.6	58.0	50.2	44.4	39.8	36.0	32.8	28.2	16.6



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