

Battery Run Times

5kVA Models

No. of EBCs	Backup Time (Min)									
	5 kW	4.5 kW	4 kW	3.5 kW	3 kW	2.5 kW	2 kW	1.5 kW	1 kW	0.5 kW
UPS	7.0	8.0	9.5	11.5	14.5	18.5	25.0	36.5	59.0	120.0
UPS+1 EBC	19.0	22.0	26.0	31.0	38.5	48.0	62.5	85.0	129.0	272.5
UPS+2 EBC	33.5	38.5	45.0	53.0	63.5	78.0	99.0	133.0	211.0	427.5
UPS+3 EBC	49.0	55.5	64.0	74.0	88.0	107.5	136.0	189.5	294.0	582.5
UPS+4 EBC	64.0	72.0	82.5	95.5	113.0	138.0	179.5	246.0	377.0	737.5
UPS+5 EBC	79.0	89.0	101.0	117.0	138.5	173.0	222.5	303.0	460.0	892.5
UPS+6 EBC	94.0	105.5	120.0	139.0	168.0	208.0	266.0	359.5	543.0	1047.5

6kVA Models

No. of EBCs	Backup Time (Min)									
	6 kW	5.4 kW	4.8 kW	4.2 kW	3.6 kW	3 kW	2.4 kW	1.8 kW	1.2 kW	0.6 kW
UPS	5.5	6.0	7.5	9.0	11.0	14.5	19.5	29.0	48.0	100.0
UPS+1 EBC	14.5	17.0	20.0	24.0	30.0	38.5	50.5	70.0	107.0	226.0
UPS+2 EBC	26.0	30.5	35.5	42.0	51.0	63.5	81.5	110.0	172.0	357.5
UPS+3 EBC	39.0	44.5	51.5	60.5	72.0	88.0	112.5	154.0	242.0	489.0
UPS+4 EBC	51.5	58.5	67.0	78.0	92.5	113.0	145.0	201.5	312.0	621.0
UPS+5 EBC	64.5	72.5	82.5	96.0	113.5	138.5	181.5	249.5	382.0	752.5
UPS+6 EBC	77.0	86.5	98.5	113.5	134.0	168.0	218.0	297.5	452.0	884.5

8kVA Models

No. of EBCs	Backup Time (Min)									
	8 kW	7.2 kW	6.4 kW	5.6 kW	4.8 kW	4 kW	3.2 kW	2.4 kW	1.6 kW	0.8 kW
UPS	3.5	4.0	4.5	6.0	7.5	9.5	13.0	19.5	33.5	75.0
UPS+1 EBC	9.5	11.5	13.5	16.0	20.0	26.0	35.0	50.5	79.0	166.0
UPS+2 EBC	17.5	20.5	24.0	29.0	35.5	45.0	59.0	81.5	124.5	267.5
UPS+3 EBC	26.5	30.5	35.5	42.5	51.5	64.0	82.0	112.5	176.0	369.0
UPS+4 EBC	36.0	41.0	48.0	56.0	67.0	82.5	105.5	145.0	229.5	471.0
UPS+5 EBC	45.5	52.0	59.5	69.5	82.5	101.0	128.5	181.5	283.0	572.5
UPS+6 EBC	55.5	62.5	71.5	83.0	98.5	120.0	155.0	218.0	336.5	674.5

10kVA Models

No. of EBCs	Backup Time (Min)									
	10 kW	9 kW	8 kW	7 kW	6 kW	5 kW	4 kW	3 kW	2 kW	1 kW
UPS	2.0	2.5	3.5	4.0	5.5	7.0	9.5	14.5	25.0	59.0
UPS+1 EBC	7.0	8.0	9.5	12.0	14.5	19.0	26.0	38.5	62.5	129.0
UPS+2 EBC	13.0	15.0	17.5	21.0	26.0	33.5	45.0	63.5	99.0	211.0
UPS+3 EBC	19.5	22.5	26.5	31.5	39.0	49.0	64.0	88.0	136.0	294.0
UPS+4 EBC	26.5	30.5	36.0	42.5	51.5	64.0	82.5	113.0	179.5	377.0
UPS+5 EBC	34.5	39.5	45.5	54.0	64.5	79.0	101.0	138.5	222.5	460.0
UPS+6 EBC	42.0	48.0	55.5	64.5	77.0	94.0	120.0	168.0	266.0	543.0

16kVA Models

No. of EBCs	Backup Time (Min)									
	16 kW	14.4 kW	12.8 kW	11.2 kW	9.6 kW	8 kW	6.4 kW	4.8 kW	3.2 kW	1.6 kW
UPS	3.5	4.0	5.0	6.0	7.5	9.5	13.5	20.0	35.0	79.0
UPS+1 EBC	10.0	11.5	14.0	16.5	20.5	26.5	35.5	51.5	82.0	176.0
UPS+2 EBC	18.0	21.0	24.5	29.5	36.0	45.5	59.5	82.5	128.5	283.0
UPS+3 EBC	27.0	31.0	36.5	43.5	52.5	64.5	83.0	114.0	183.0	390.0
UPS+4 EBC	36.5	42.0	49.0	57.5	68.0	83.5	106.5	147.5	238.0	496.5
UPS+5 EBC	46.5	53.0	61.0	71.0	84.0	102.5	130.5	184.5	293.0	603.5
UPS+6 EBC	56.5	63.5	73.0	84.5	100.0	121.5	157.5	221.5	348.0	710.5

20kVA Models

No. of EBCs	Backup Time (Min)									
	20 kW	18 kW	16 kW	14 kW	12 kW	10 kW	8 kW	6 kW	4 kW	2 kW
UPS	2.5	3.0	3.5	4.0	5.5	7.0	9.5	14.5	26.0	62.5
UPS+1 EBC	7.0	8.5	10.0	12.0	15.0	19.5	26.5	39.0	64.0	136.0
UPS+2 EBC	13.0	15.0	18.0	21.5	27.0	34.5	45.5	64.5	101.0	222.5
UPS+3 EBC	19.5	23.0	27.0	32.5	40.0	50.0	64.5	89.5	139.5	309.5
UPS+4 EBC	27.0	31.0	36.5	43.5	53.0	65.0	83.5	114.5	183.5	396.5
UPS+5 EBC	34.5	40.0	46.5	55.0	65.5	80.0	102.5	140.5	228.0	483.0
UPS+6 EBC	42.5	48.5	56.5	66.5	78.5	95.5	121.5	170.5	272.5	570.0

Note: *EBC- External Battery Cabinet

**Battery autonomy times are based on operation at 25°C. The autonomy times are approximate and are based on fully charged batteries and can vary +/-5% because of battery manufacturing variances.