PowerShield® PRODUCT RUN CHART

UPS	UPS VA	Case	Style	VA / LOAD 100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
Safe Guard 750 (PSG750)	750	PB	LI	52	21	13	8	6	4	3																
Defender 650 (PSD650)	650	TW	LI	52	21	13	8	6	4																	
Defender 1200 (PSD1200)	1200	TW	LI	112	51	30	20	16	13	10	8	6	5													
Defender 1600 (PSD1600)	1600	TW	LI	116	53	32	22	17	13	11	9	7	6	3												
Commander Tower 1100 (PSCM1100)	1100	TW	LI	119	55	35	24	18	14	12	9	8	6													
Commander Tower 2000 (PSCM2000)	2000	TW	LI	267	119	81	55	45	35	28	24	20	18	10	6											
Commander (Rack Mount or Tower) (PSCRT1100)	1100	RT	LI	119	55	35	24	18	14	12	9	8	6													
Commander RT 2000 (PSCRT2000)	2000	RT	LI	267	119	81	55	45	35	28	24	20	18	10	6											
PSCRT2000 + 1 x PSRTBB8	2000	RT	LI	956	460	267	190	152	119	107	95	81	67	45	29											
PSCRT2000 + 2 x PSRTBB8	2000	RT	LI		781	507	365	267	217	179	158	138	119	81	55											
PSCRT2000 + 3 x PSRTBB8	2000	RT	LI		1081	706	527	426	325	267	229	200	176	114	87											
Commander RT 3000 (PSCRT3000)	3000	RT	LI	460	190	119	95	67	55	48	42	35	29	18	12	9	6									
PSCRT3000 + 1 x PSRTBB12	3000	RT	LI		664	460	302	235	190	163	140	119	111	67	51	39	29									
PSCRT3000 + 2 x PSRTBB12	3000	RT	LI		1131	781	554	460	365	287	246	217	190	119	95	67	55									
PSCRT3000 + 3 x PSRTBB12	3000	RT	LI			1081	831	595	527	460	392	325	281	176	128	105	87									
Centurion Tower 1000 (PSCE1000)	1000	TW	TOL	190	95	55	42	29	24	19	16	14	12													
PSCE1000 + 1 x PSCEBB6	1000	TW	TOL	664	302	190	140	111	95	77	59	55	51													
PSCE1000 + 2 x PSCEBB6	1000	TW	TOL	1131	554	365	246	190	158	132	114	105	95													
PSCE1000 + 3 x PSCEBB6	1000	TW	TOL		831	527	392	281	229	190	166	147	128													
Centurion Tower 2000 (PSCE2000)	2000	TW	TOL	460	190	119	95	67	55	48	42	35	29	18	12											
PSCE2000 + 1 x PSCEBB12	2000	TW	TOL		664	460	302	235	190	163	140	119	111	67	51											
PSCE2000 + 1 x PSCEBB18CH	2000	TW	TOL		956	578	460	342	267	224	190	168	152	101	67											
PSCE2000 + 2 x PSCEBB12	2000	TW	TOL		1131	781	554	460	365	287	246	217	190	119	95											
PSCE2000 + 1 x PSCEBB12 + 1 x PSCEBB18CH	2000	TW	TOL			956	664	539	460	381	302	267	235	152	111											
PSCE2000 + 2 x PSCEBB18CH	2000	TW	TOL			1081	831	595	527	460	392	325	281	176	128											
Centurion Tower 3000 (PSCE3000)	3000	TW	TOL	460	190	119	95	67	55	48	42	35	29	18	12	9	6									
PSCE3000 + 1 x PSCEBB12	3000	TW	TOL		664	460	302	235	190	163	140	119	111	67	51	39	29									
PSCE3000 + 1 x PSCEBB18CH	3000	TW	TOL		956	578	460	342	267	224	190	168	152	101	67	53	45									
PSCE3000 + 2 x PSCEBB12	3000	TW	TOL		1131	781	554	460	365	287	246	217	190	119	95	67	55									
PSCE3000 + 1 x PSCEBB12 + 1 x PSCEBB18CH	3000	TW	TOL			956	664	539	460	381	302	267	235	152	111	91	67									
PSCE3000 + 2 x PSCEBB18CH	3000	TW	TOL			1081	831	595	527	460	392	325	281	176	128	105	87									
Centurion Tower 6000 (PSCE6000)	6000	TW	TOL		781	507	365	267	217	179	158	138	119	81	55	45	35	28	24	20	18	14				
PSCE6000 + 1 x PSCEBB40	6000	TW	TOL				1131	956	781	606	554	507	460	267	190	152	119	107	95	81	67	55				
PSCE6000 + 1 x PSCEBB60CH	6000	TW	TOL					1174	1043	912	781	650	578	401	267	207	168	143	119	110	101	81				
PSCE6000 + 2 x PSCEBB40	6000	TW	TOL							1096	991	886	781	507	365	267	217	179	158	138	119	105				
PSCE6000 + 1 x PSCEBB40 + 1 x PSCEBB60CH	6000	TW	TOL								1131	1043	956	578	460	342	267	224	190	168	152	119				
PSCE6000 + 2 x PSCEBB60CH	6000	TW	TOL									1156	1081	706	527	426	325	267	229	200	176	147				
Centurion Tower 10K (PSCE10k)	10kVA	TW	TOL		781	507	365	267	217	179	158	138	119	81	55	45	35	28	24	20	18	14	12	9	8	6
PSCE10K + 1 x PSCEBB40	10kVA	TW	TOL				1131	956	781	606	554	507	460	267	190	152	119	107	95	81	67	55	48	42	35	29
PSCE10K + 1 x PSCEBB60CH	10kVA	TW	TOL					1174	1043	912	781	650	578	401	267	207	168	143	119	110	101	81	60	55	50	45
PSCE10K + 2 x PSCEBB40	10kVA	TW	TOL							1096	991	886	781	507	365	267	217	179	158	138	119	105	90	73	59	55
PSCE10K + 1 x PSCEBB40 + 1 x PSCEBB60CH	10kVA	TW	TOL								1131	1043	956	578	460	342	267	224	190	168	152	119	107	95	81	67
PSCE10K + 2 x PSCEBB60CH	10kVA	TW	TOL									1156	1081	706	527	426	325	267	229	200	176	147	119	109	98	87
Centurion RT 1000 (PSCERT1000)	1000	RT	TOL	190	95	55	42	29	24	19	16	14	12													
PSCERT1000 + 1 x PSRTBB6	1000	RT	TOL	664	302	190	140	111	95	77	59	55	51													
PSCERT1000 + 2 x PSRTBB6	1000	RT	TOL	1131	554	365	246	190	158	132	114	105	95													
PSCERT1000 + 3 x PSRTBB6	1000	RT	TOL		831	527	392	281	229	190	166	147	128													
Centurion RT 2000 Short Base (SB) (PSCERT2000SB)	2000	RT	TOL	267	119	81	55	45	35	28	24	20	18	10	6											
PSCERT2000SB + 1 x PSRTBB8	2000	RT	TOL	956	460	267	190	152	119	107	95	81	67	45	29											
PSCERT2000SB + 2 x PSRTBB8	2000	RT	TOL		781	507	365	267	217	179	158	138	119	81	55											
PSCERT2000SB + 3 x PSRTBB8	2000	RT	TOL		1081	706	527	426	325	267	229	200	176	114	87											
Centurion RT 2000 (PSCERT2000)	2000	RT	TOL	460	190	119	95	67	55	48	42	35	29	18	12											
PSCERT2000 + 1 x PSRTBB12	2000	RT	TOL		664	460	302	235	190	163	140	119	111	67	51											
PSCERT2000 + 2 x PSRTBB12	2000	RT	TOL		1131	781	554	460	365	287	246	217	190	119	95											
PSCERT2000 + 3 x PSRTBB12	2000	RT	TOL			1081	831	595	527	460	392	325	281	176	128											
Centurion RT 3000 (PSCERT3000)	3000	RT	TOL	460	190	119	95	67	55	48	42	35	29	18	12	9	6									
PSCERT3000 + 1 x PSRTBB12	3000	RT	TOL		664	460	302	235	190	163	140	119	111	67	51	39	29									
PSCERT3000 + 2 x PSRTBB12	3000	RT	TOL		1131	781	554	460	365	287	246	217	190	119	95	67	55									
PSCERT3000 + 3 x PSRTBB12	3000	RT	TOL			1081	831	595	527	460	392	325	281	176	128	105	87									
Centurion Rack Mount 6000 (PSCER6000L + 1 x PSCERBB20)	6000	RM	TOL		781	507	365	267	217	179	158	138	119	81	55	45	35	28	24	20	18	14				
Centurion Rack Mount 6000 (PSCER6000L + 2 x PSCERBB20)	6000	RM	TOL			1043	781	578	507	436	365	298	267	168	119	101	81	60	55	50	45	35				
Centurion Rack Mount 10K (PSCER10KL + 1 x PSCERBB20)	10kVA	RM	TOL		781	507	365	267	217	179	158	138	119	81	55	45	35	28	24	20	18	14	12	9	8	
Centurion Rack Mount 10K (PSCER10KL + 2 x PSCERBB20)	10kVA	RM	TOL			1043	781	578	507	436	365	298	267	168	119	101	81	60	55	50	45	35	28	24	20	

(Load calculated at 0.7 power factor. Computations in minutes calculated under optimal conditions. Factors such as temperature and amount of discharges may influence backup times. Models ending in "L" are long run models with larger chargers and therefore have no internal batteries.)

1. SELECT APPLICATION

Line Interactive - Enhanced Protection

- Power Failure, Sags, Surges, Brownouts & Spikes
- Short to medium backup duration
- Example: Workstations, Security, Audio-Visual, Gaming

True Online - Premium Protection

For **Critical Applications**

- Power Failure, Sags, Surges, Brownouts & Spikes, Line Noise, Frequency Drift, Switching Transient & Harmonic Distortions
- Large backup duration with frequency regulation
- Example: Servers, Medical, Industrial, Communications

2. SELECT LOAD

- For example, if the load is 620VA, which falls between the 600VA & 700VA columns in the table, look down the column to the battery run time you desire then choose a UPS to the left. *The PowerShield® Defender 1200 would run on battery between 10 to 13 minutes at 620VA.*

LEGEND

LI	Line Interactive	RM	Rackmount
TOL	True Online Double Conversion	PB	Powerboard Style
TW	Tower	RT	Rack/Tower

PowerShield®