

				ELECTRICAL LOAD IN VA (Calculated at 0.7 Power Factor)																						
UPS	UPS VA	Case	Style	100	200	300	400	500	600	700	800	900	1000	1500	2000	2500	3000	3500	4000	4500	5000	6000	7000	8000	9000	10000
ELECTRICAL LOAD IN WATTS				70	140	210	280	350	420	490	560	630	700	1050	1400	1750	2100	2450	2800	3150	3500	4200	4900	5600	6300	7000
Ninja Slimline 600 (PSLN600)	600	360	SBY	30	16	12	9																			
Safe Guard 750 (PSG750)	750	450	LI		18	12	8	5	3																	
Safe Guard 1000 (PSG1000)	1000	600	LI		18	11	8	5	3																	
Defender 650 (PSD650)	650	390	LI		19	12	8	5																		
Defender 1200 (PSD1200)	1200	720	LI			25	19	15	12	9	8	6	5													
Defender 1600 (PSD1600)	1600	960	LI				18	14	12	9	8	6	5													
Defender 2000 (PSD2000)	2000	1200	LI					14	11	9	8	6	5													
Defender RackMount 800 (PSDR800)	800	480	LI		18	12	8	5	3																	
Gladiator (PSGL1500)	1500	900	LI				43	33	27	23	19	17	15													
Commander Tower 1100 (PSCM1100)	1100	990	LI				18	14	12	9	8	6	5													
Commander Tower 2000 (PSCM2000)	2000	1800	LI							21	18	16	14	9	5	2										
Commander (Rack Mount or Tower)	1100	990	LI				18	14	12	9	8	6	5													
Commander RT 2000 (PSCRT2000)	2000	1800	LI							21	18	16	14	9	5	2										
PSCRT2000 + 1 x PSRTBB8	2000	1800	LI							82	72	62	55	34	24	18										
PSCRT2000 + 2 x PSRTBB8	2000	1800	LI							149	128	113	101	65	46	34										
Commander RT 3000 (PSCRT3000)	3000	2700	LI										22	14	10	7	5	3								
PSCRT3000 + 1 x PSRTBB12	3000	2700	LI										86	55	40	30	24	20								
PSCRT3000 + 2 x PSRTBB12	3000	2700	LI										159	101	76	56	46	37								
Centurion Tower 1000 (PSCE1000)	1000	900	TOL				30	23	19	16	14	12	10													
PSCE1000 + 1 x PSCEBB6	1000	900	TOL				113	88	75	62	52	46	40													
PSCE1000 + 2 x PSCEBB6	1000	900	TOL				213	166	135	113	96	84	76													
Centurion Tower 2000 (PSCE2000)	2000	1800	TOL							38	32	28	25	16	11	8										
PSCE2000 + 1 x PSCEBB12	2000	1800	TOL							142	120	107	95	61	43	32										
PSCE2000 + 1 x PSCEBB18CH	2000	1800	TOL							204	174	151	135	85	61	47										
PSCE2000 + 2 x PSCEBB12	2000	1800	TOL							258	226	202	178	111	80	61										
PSCE2000 + 1 x PSCEBB12 + 1 x PSCEBB18CH	2000	1800	TOL							315	276	242	221	139	98	77										
PSCE2000 + 2 x PSCEBB18CH	2000	1800	TOL							368	325	289	260	169	117	89										
Centurion Tower 3000 (PSCE3000)	3000	2700	TOL										24	15	11	8	6	4								
PSCE3000 + 1 x PSCEBB12	3000	2700	TOL										91	59	43	32	26	21								
PSCE3000 + 1 x PSCEBB18CH	3000	2700	TOL										130	84	61	47	37	30								
PSCE3000 + 2 x PSCEBB12	3000	2700	TOL										172	108	80	61	49	40								
PSCE3000 + 1 x PSCEBB12 + 1 x PSCEBB18CH	3000	2700	TOL										237	153	111	85	70	57								
PSCE3000 + 2 x PSCEBB18CH	3000	2700	TOL										251	164	117	89	75	61								
Centurion Tower 6000 (PSCE6000)	6000	5400	TOL												46	35	28	24	21	18	16	13	10			
PSCE6000 + 1 x PSCEBB40	6000	5400	TOL												172	132	108	90	80	70	61	49	40			
PSCE6000 + 1 x PSCEBB60CH	6000	5400	TOL												237	190	153	129	111	96	85	70	57			
PSCE6000 + 2 x PSCEBB40	6000	5400	TOL												303	240	204	171	146	126	111	88	76			
PSCE6000 + 1 x PSCEBB40 + 1 x PSCEBB60CH	6000	5400	TOL												367	295	245	213	184	158	139	111	91			
PSCE6000 + 2 x PSCEBB60CH	6000	5400	TOL												431	348	292	250	220	193	169	134	111			
Centurion Tower 10K (PSCE10k)	10000	9000	TOL															23	19	17	15	13	10	8	7	6
PSCE10K + 1 x PSCEBB40	10000	9000	TOL															87	77	67	59	48	40	34	29	26
PSCE10K + 1 x PSCEBB60CH	10000	9000	TOL															121	106	92	84	70	57	49	42	37
PSCE10K + 2 x PSCEBB40	10000	9000	TOL																							
PSCE10K + 1 x PSCEBB40 + 1 x PSCEBB60CH	10000	9000	TOL															204	174	151	135	110	91	80	70	61
PSCE10K + 2 x PSCEBB60CH	10000	9000	TOL															237	211	185	164	133	111	94	83	75
Centurion RT 1000 (PSCERT1000)	1000	900	TOL				32	25	20	17	14	13	11													
PSCERT1000 + 1 x PSRTBB6	1000	900	TOL				120	95	80	67	56	49	43													
PSCERT1000 + 2 x PSRTBB6	1000	900	TOL				226	178	144	119	103	88	80													
Centurion RT 2000 Short Base (SB) (PSCERT2000SB)	2000	1800	TOL							38	32	28	25	16	11	8										
PSCERT2000SB + 1 x PSRTBB8	2000	1800	TOL							105	89	81	73	45	31	24										
PSCERT2000SB + 2 x PSRTBB8	2000	1800	TOL							183	156	136	119	79	54	42										
Centurion RT 2000 (PSCERT2000)	2000	1800	TOL							38	32	28	25	16	11	8										
PSCERT2000 + 1 x PSRTBB12	2000	1800	TOL							142	120	107	95	61	43	32										
PSCERT2000 + 2 x PSRTBB12	2000	1800	TOL							258	226	202	178	111	80	61										
Centurion RT 3000 (PSCERT3000)	3000	2700	TOL										24	15	11	8	6	4								
PSCERT3000 + 1 x PSRTBB12	3000	2700	TOL										91	59	43	32	26	21								
PSCERT3000 + 2 x PSRTBB12	3000	2700	TOL										172	108	80	61	49	40								
Centurion RT LiFePO₄ 1000 (PSLCERT1000)	1000	600	TOL				44	42	32	27	21	20	16	12	11											
Centurion RT LiFePO₄ 2000 (PSLCERT2000)	2000	1200	TOL							47	44	43	42	37	32	20	12	11								
Centurion RT LiFePO₄ 3000 (PSLCERT3000)	3000	1800	TOL										48	46	44	32	22	18	13	12						
Centurion RT 6000L (PSCERT6000L + 1 x PSCERBB20)	6000	6000	TOL													34	28	24	20	18	16	13	10	8		
Centurion RT 6000L (PSCERT6000L + 2 x PSCERBB20)	6000	6000	TOL													82	67	56	48	42	37	29	24	21		
Centurion RT 10KL (PSCERT10KL + 1 x PSCERBB20)	10000	10000	TOL																19	17	15	12	10	8	7	6
Centurion RT 10KL (PSCERT10KL + 2 x PSCERBB20)	10000	10000	TOL																46	40	35	29	24	21	18	16

1 SELECT APPLICATION

Standby – Basic Protection

- Power Failure, Sags, Surges, Brownouts & Spikes
- Does not have AVR
- Example: Electrical boards, Lightboards, Menuboards

Line Interactive – Enhanced Protection

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

True Online – Premium Protection

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

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.