Flywheel Runtimes for GE CE Listed UPS Systems

TLE UPS APPLICATIONS

Enhanced Flywheel

GE UPS Models	CE TLE 60	CE TLE 80	CE TLE 100	CE TLE 120	CE TLE 160	CE TLE 200	CE TLE 320	CE TLE 400	CE TLE 600	CE TLE 800
kW	60	80	100	120	160	200	320	400	600	800
# of flywheels	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
1	94	72	57	45	32	23				
2		140	111	92	71	56	31	22		
3					103	83	51	40	22	13
4							69	55	33	22
5							88	69	45	30
6							105	84	55	39

Standard Flywheel

GE UPS Models	CE TLE 60	CE TLE 80	CE TLE 100	CE TLE 120	CE TLE 160	CE TLE 200	CE TLE 320	CE TLE 400	CE TLE 600	CE TLE 800
kW	60	80	100	120	160	200	320	400	600	800
# of flywheels	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
1	59	44	35	29	23	17				
2		87	70	58	46	36	22	16		
3					69	55	33	26	16	10
4							45	35	23	16
5							59	45	29	21
6							71	56	35	26

SG UPS APPLICATIONS

Enhanced Flywheel

GE UPS Models	CE SG 60	CE SG 80	CE SG 100	CE SG 120	CE SG 160	CE SG 200	CE SG 250	CE SG 300	CE SG 400	CE SG 500	CE SG 600
kW	54	72	90	108	128	180	225	270	360	450	540
# of flywheels	↓				↓	↓	↓	↓	↓	↓	↓
1	103	79	63	51	35	25	17				
2		155	123	101	77	62	48	38	24	17	
3					114	91	74	62	44	32	24
4							96	80	61	47	37
5									76	61	49
6											61

Standard Flywheel

GE UPS Models	CE SG 60	CE SG 80	CE SG 100	CE SG 120	CE SG 160	CE SG 200	CE SG 250	CE SG 300	CE SG 400	CE SG 500	CE SG 600
kW	54	72	90	108	128	160	225	270	360	450	540
# of flywheels	↓				↓	↓	↓	↓	↓	↓	↓
1	65	48	37	32	23	18	14				
2		97	77	64	48	38	30	24	18	13	
3					72	57	45	37	27	21	17
4							60	50	37	29	24
5									47	37	30
6											37

Notes:

1) Run times are rounded off to the nearest second and are based on UPS with 540Vdc float voltage for capacities 160kVA and higher, 432 Vdc for capacities less than 160 kVA
2) DC-AC Efficiencies (battery to output) are based on battery power data at rated power factor from Technical Data Sheets
3) Runtimes take into account the minimum 2 sec rectifier walk-in time