


On-line Low Frequency UPS Backup Time Chart

	Load %	charging time	25%	50%	75%	100%
On-Line PS-3KVA Battery: 12V x 4 DC Bus: 48V Charger: 5 Amp	PCs		3	7	10	13
	VA		750	1500	2250	3000
	Watts		525	1050	1575	2100
	25 AH	5h	1h30	36m	21m	15m
	40 AH	8h	2h30	1h05	39m	26m
	60 AH	12h	4h30	1h48	1h05	42m
	80 AH	16h	6h	2h30	1h30	1h05
100 AH	20h	8h	3h30	2h	1h24	
On-Line PS-6KVA Battery: 12V x 16 DC Bus: 192V Charger: 5 Amp	PCs		7	13	20	26
	VA		1500	3000	4500	6000
	Watts		1050	2100	3150	4200
	25 AH	5h	3h45	1h30	54m	36m
	40 AH	8h	6h	2h30	1h36	1h05
	60 AH	12h	10h	4h30	2h42	1h48
	80 AH	16h	14h	6h	4h	2h30
100 AH	20h	18h	8h	5h	3h30	
On-Line PS-10KVA Battery: 12V x 16 DC Bus: 192V Charger: 10 Amp	PCs		11	23	34	45
	VA		2500	5000	7500	10000
	Watts		1750	3500	5250	7000
	50 AH	5h	4h30	1h54	1h06	42m
	80 AH	8h	8h	3h25	2h	1h18
	120 AH	12h	13h	5h30	3h20	2h15
	160 AH	16h	17h	8h	5h	3h30
200 AH	20h	22h	10h	6h	4h20	
On-Line PS-20KVA Battery: 12V x 16 DC Bus: 192V Charger: 10 Amp	PCs		23	45	68	90
	VA		5000	10000	15000	20000
	Watts		3500	7000	10500	14000
	50 AH	5h	1h54	42m	25m	18m
	80 AH	8h	3h25	1h18	48m	33m
	120 AH	12h	5h30	2h15	1h22	55m
	160 AH	16h	8h	3h30	2h	1h18
200 AH	20h	10h	4h20	2h36	1h48	

Notes: Very Important

12/8/2008 V1.2

1. Above calculations are based on Standard PC with Intel Core2 Duo, 1GB RAM, 120GB HDD, CD/DVD ROM Drive, Mini Tower cabinet with 17" LCD monitor. (all peripherals such as graphics and network card etc considered on board)
2. 3KVA and 6KVA has 5 Amps charger, hence Batteries recommend from 25Ah to 100Ah, 10KVA and 20KVA has 10 Amps charger, hence Batteries recommend from 50Ah to 200Ah.
3. Highest capacity battery will need 20 hours to get fully charged, after they are fully discharged.
4. Add up the power required by Networking products, Peripherals, Printers, FAX, Phones & EPABX
5. Above calculations based on Prestolite Inverter grade Battery with fully charged.
6. Automotive/Local batteries are not designed for such application & strictly not recommended.
7. Laser printer are not to be considered as it consumes from 300W to 1800W load.
8. Site Survey & Site Inspection for Electrical and other requirements is a must for all above models
9. For any other type of load kindly take a call with technical department before making commitment
10. For proper functioning of UPS system, keep sufficient margin of at least 10% on load part
11. Further clarification and assistance send email to vinay@kunhar.com or bharat@kunhar.com