


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
	26 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-10KVA Battery: 12V x 16 DC Bus: 192V Charger: 10 Amp (*5Amp Charger)	PCs		11	23	34	45
	VA		2500	5000	7500	10000
	*26 AH	5h	1h50	48m	27m	19m
	*40 AH	8h	3h20	1h24	48m	33m
	60 AH	6h	5h30	2h18	1h24	57m
	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 (*5Amp Charger)	PCs		23	45	68	90
	VA		5000	10000	15000	20000
	*26 AH	5h	48m	19m	<10min	<7min
	*40 AH	8h	1h24	33m	19m	<12min
	60 AH	6h	2h18	57m	33m	23m
	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

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) CRTtype monitors consumes more power

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 with 5Amp charger in 10KVA and 20KVA, 26Ah and 40Ah Batteries can be used.

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. The backup time is calculated with standard branded inverter grade fully charged batteries.

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. This chart is for the technical reference only.

12. Calculations are a rough approximation & actual figures may vary as they depend on numerous conditions.

13. All specifications & calculations are subject to change without prior notice.

14. For further clarification & assistance please mail to techsupport@kunhar.com

15. With effect from 14th August, 2009.