



Rear Ventilation Clearance Requirements

Ambient	15-40kVA		60-80kVA	
	L1(mm)	L2(mm)	L1(mm)	L2(mm)
25°C	≥120		≥150	
30°C			≥150	
35°C				≥200
40°C				

- Notes:**
- The system must be installed on a level floor and in a clean environment suitable for electronic equipment.
 - Ambient temperature range: 0-40°C; Recommended operating range: 20-25°C; Maximum relative humidity: 95% non-condensing.
 - Minimum Clearances for ventilation & service around the UPS cabinet are:
 - Overhead of UPS: 300mm clearance required for ventilation.
 - Rear of UPS: Observe minimum clearance requirement for air flow. Refer to table.
 - Front : 900mm clearance in front of the UPS cabinet is required for User & Service Access.
 - Side : No clearance required.
 - For model without internal battery, bottom cable entry at front of cabinet or rear cable entry through removable gland plate. For models with internal battery, cable enters from rear through removable gland plate.
 - All wiring and cabling is to be in accordance with National and Local Electrical Standards.
 - Internal battery for 15/20/30/40kVA is optional. No internal battery for 60/80kVA.

UPS RATING	Related AC Input Voltage	Related AC Output Voltage	Rectifier AC Input Current		Bypass Input Current		Battery Current(36 batteries, 100% load at end of discharge)	Inverter AC Output Current		Input & Output Cable max size	Battery Cable max size	Earth Cable max size	Net Weight	Floor Loading Requirement	Air Flow Requirement
			Nontrial	Maximum	Nontrial	Maximum		APM	Continuous						
kVA	VOLT	VOLT	APM	APM	APM	APM	APM	APM	APM	mm ²	mm ²	mm ²	kg	Pokts/kg	Litres/s
15	13.5		23	25	22	25	41	22	29	6	6	6	72	4/17	80
20	18		31	33	29	33	55	29	10	10	10	72	4/17	110	
30	27	400/230	46	49	43	50	82	43	25	35	25	88	4/23	170	
40	36	400/230	61	65	58	66	110	58	25	50	25	120	4/30	218	
60	54	-15/+20%	92	98	87	100	185	87	50	50x2	50	202	8/25	335	
80	72		123	131	115	133	220	115	70	70x2	70	245	8/31	442	

