

9950A UPS MAIN INPUT DATA					
UPS RATING (KVA)/(kW)	INPUT VOLTAGE (V)	UPS INPUT POWER NOM/MAX (kVA)/(kW)	INPUT CURRENT NOM/MAX (A)	EXTERNAL OVERCURRENT PROTECTION TRIP (A)	UPS BYPASS POWER (KVA)
500/450	380	(478/503)/472.6	727/764	1000	500
500/450	400	(478/503)/472.6	690/725	1000	500
500/450	415	(478/503)/472.6	665/699	1000	500
NOTES	1,2,3	4	5	2,6,7,9	1,3

UPS RATING (KVA)/(kW)	9950A UPS BYPASS INPUT DATA		9950A UPS OUTPUT DATA		
	UPS BYPASS CURRENT (A)	EXTERNAL OVERCURRENT PROTECTION TRIP (A)	UPS OUTPUT POWER (KVA)	UPS OUTPUT CURRENT (A)	EXTERNAL OVERCURRENT PROTECTION TRIP (A)
500/450	760	1000	500	760	1000
500/450	722	1000	500	722	1000
500/450	696	1000	500	696	1000
NOTES		2,6,7,9	11,12,13,14		2,8,9

BATTERY SYSTEM DATA				
END VOLTAGE (VDC)	MAXIMUM END VOLTAGE DISCHARGE CURRENT (A)	EXTERNAL OVERCURRENT PROTECTION PER BATTERY CABINET(A)	MAXIMUM CHARGING CURRENT (A)	DIMENSIONS (W X D X H) (INCHES)
400	1291	600	125	72 X 32.7 X 81.7
NOTES	10	2		18

PHYSICAL DATA				
WEIGHT (LBS)	100% LOAD HEAT LOSS (kBTU/Hr)	AIR FLOW REQUIREMENTS (CFM)	DISTRIBUTED FLOOR LOADING (LBS/FT ²)	POINT LOADING (LBS/FT ²)
3,858	77.5	4,235	331.2	1,785.6
2	2,15,16	2	2	2,17



1. Acceptable input and bypass voltage range is 415V(+25%,-20%); 400V(+15%,-20%); 380V(+20%,-20%).
2. The UPS is to be installed in accordance with all federal, state and local codes.
3. UPS main input and bypass frequency: 50/60Hz \pm 10%.
4. UPS input power factor: 0.99 at 100% load; 0.99 at 50% load. The UPS input power factor is independent of the UPS output (load) power factor.
5. The nominal current is continuous and is based on 100% load. The maximum current includes the nominal input current at 100 % load and the non-continuous battery recharge current. Consult factory before operating at the maximum current.
6. Input and Bypass feeder inputs (provided by others) should be powered from separate overcurrent protection devices. Input overcurrent protection devices are sized based on the maximum current which includes the maximum battery charging current.
7. Main Input is 3-phase, 3-wire plus ground; Bypass Input is 3-phase, 4-wire plus ground. UPS units have both top or bottom conduit entry.
8. UPS output overcurrent protection device is provided by others. UPS output cables are to be run conduits separate from the input and bypass cables: 3-phase, 4-wire plus ground.
9. All grounding is to be in accordance with NFPA 70 National Electrical Code and all federal, state and local regulations.
10. DC system load is non-continuous and is based on lead acid battery systems. Consult the factory when using a non-lead acid battery stored energy system.
11. UPS inverter output voltage regulation: \pm 1% balanced load, \pm 2% unbalanced load.
12. UPS output voltage manual adjustment: \pm 5% at 0.5V increments.
13. UPS output total harmonic voltage distortion (THDv): \leq 2% at 100% linear load and \leq 5% at 100% nonlinear load.
14. Maximum load crest factor: 2.3.
15. The specified heat losses are only for the UPS module. Peripheral equipment heat losses must be considered separately.
16. Maintain clearances per the UPS installation drawing. Minimum overhead clearance: 23.6 inches.
17. Point loading is used with raised-floor installations.
18. Does not include 16.5" wide cable wireway enclosure.

