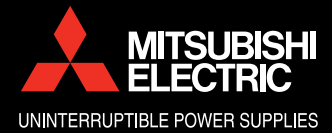


9900AEGIS FACILITY PLANNER

80,100,150,160,225KVA/
480V INPUT-480V OUTPUT/60HZ



9900AEGIS UPS MAIN INPUT DATA				9900AEGIS UPS BYPASS INPUT DATA	
UPS RATING (KVA)/(kW)	UPS INPUT POWER (kVA)/(kW)	UPS INPUT CURRENT NOM/MAX (A)	MAIN (BIN) EXTERNAL OVERCURRENT TRIP PROTECTION (A)	UPS BYPASS CURRENT (A)	UPS BYPASS EXTERNAL OVERCURRENT TRIP PROTECTION (A)
80/72	75/74.5	90/99	125	96	125
100/90	94/93.2	113/124	150	120	150
150/135	141/139.8	170/187	225	180	225
160/144	151/149.4	182/200	250	192	250
225/202.5	211/209.1	254/279	350	270	350
NOTES	1,2,3,4	5	2,6,7	7	2,6,7

9900AEGIS UPS OUTPUT DATA			BATTERY SYSTEM DATA	
UPS RATING (KVA)/(kW)	UPS OUTPUT CURRENT (A)	UPS OUTPUT EXTERNAL OVERCURRENT TRIP PROTECTION (A)	BATTERY SYSTEM OUTPUT CURRENT AT 400VDC END VOLTAGE (A)	BATTERY CABINET OVERCURRENT TRIP PROTECTION (A)
80/72	96	125	184	200
100/90	120	150	232	225
150/135	180	225	351	350
160/144	192	250	375	400
225/202.5	270	350	523	500
NOTES	10,11,12	2,8	2,9	2

MECHANICAL DATA							
UPS RATING (KVA)	DIMENSIONS (W X D X H) (INCHES)	WEIGHT (LBS)		DISTRIBUTED FLOOR LOADING (LBS/FT) ²		POINT LOADING (LBS/FT ²)	
		Standard Mode	Enviro-Mode	Standard Mode	Enviro-Mode	Standard	Enviro-Mode
80	27.6 X 32.8 X 80.6	772	801	128	133	598	622
100	27.6 X 32.8 X 80.6	772	801	128	133	598	622
150	27.6 X 32.8 X 80.6	860	893	143	148	666	693
160	27.6 X 32.8 X 80.6	860	893	143	148	666	693
225	35.4 X 32.8 X 80.6	1,080	1,119	139	144	836	869
NOTES	16	2				15	

UPS RATING (KVA)	HEAT LOSS AND AIR FLOW					
	HEAT REJECTION (kBTU/Hr)			AIR FLOW REQUIREMENTS (CFM)		
	100%	75%	50%			
80	8.6	6.9	5.7	1,400		
100	10.8	8.4	6.2	1,700		
150	16.7	12.5	8.8	2,000		
160	18.3	13.0	9.1	2,100		
225	22.8	16.6	11.4	2,900		
NOTES	13,14			1		



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1. Acceptable input and bypass voltage range is 480VAC, +15%, -20%
2. Install and ground the UPS system in accordance with NFPA 70 National Electrical Code and all federal, state and local regulations.
3. UPS main input and bypass frequency: 60Hz \pm 10%.
4. UPS input power factor: 0.99 at 100% load and 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. Power main input and bypass feeder inputs (provided by others) from separate overcurrent protection devices. Main input overcurrent protection devices are sized based on the maximum current which includes the maximum battery charging current.
7. Main Input and bypass input are 3-phase, 3-wire plus ground. UPS cable entry cabinet has 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, 3-wire plus ground.
9. Consult the factory when using a non-lead acid battery stored energy system.
10. UPS inverter output voltage regulation: \pm 1% balanced load, \pm 2% unbalanced load.
11. UPS output total harmonic voltage distortion (THDv): \leq 2% at 100% linear load and \leq 5% at 100% nonlinear load.
12. Maximum load crest factor: 2.3.
13. The specified heat losses are only for the UPS module. Peripheral equipment heat losses must be considered separately.
14. Maintain clearances per the UPS installation drawing. Minimum overhead clearance: 20 inches.
15. Use point loading with raised-floor installations.
16. Includes cable entry cabinet.

