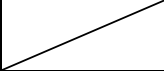

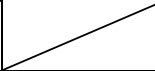


1100 Series UPS Specification Summary

Type	UP1133A-A103SU-2	UP1133A-A203SU-2	UP1133A-A303SU-2	UP1133A-A403SU-2	UP1133A-A503SU-2
Rated Output kVA	10	20	30	40	50
Rated Output kW	9	18	27	36	45
AC INPUT CHARACTERISTICS					
Configuration	3-phase, 4-wire, plus ground				
Voltage	120/208 V +15% ~ -30%				
Frequency	60 Hz +/- 10%				
Reflected Current THD	4% typical at 100% load; 7% typical at 50% load				
BATTERY					
Type	VRLA				
Ride Through (at 100% load)	18min.	5min.			
Nominal Voltage	288 Vdc				
Minimum Voltage	240 Vdc				
Number of Cells	144 cells				
AC OUTPUT					
Configuration	3-phase, 4-wire				
Voltage	120/208 V				
Voltage Stability	+/-1%				
Frequency	60 Hz				
Frequency Stability	+/-0.01% in free running mode				
Power Factor	0.9 nominal				
Power Factor range	0.9 ~ 1.0 lagging (within output kW rating)				
Voltage THD	2% typical THD at 100% linear load 5% typical THD at 100% non-linear load				
Transient Response	+/-3% typical at 100% load step +/-1% typical at loss/return of AC power +/-5% typical at load transfer to/from static bypass				
Transient Recovery	16.7 ms				
Voltage Unbalance	2% typical at 100% unbalanced load				
Phase Displacement	1deg. typical at 100% load				
Inverter Overload	125% for 60 seconds, 150% for 30 seconds				
System Overload	1000% for 1 cycle (with bypass available)				
Crest Factor Capabilities	2.5 : 1				
ENVIRONMENTAL					
Cooling	Forced Air				
Operating Temperature	32 deg F ~ 104 deg F (0 deg C ~ 40 deg C). Recommended 59 deg F ~ 77 deg F (15 deg C ~ 25 deg C)				
Relative Humidity	5% ~ 95% Non Condensing				
Altitude	0 ~ 7400 feet. (0 ~ 5000 feet No De-rating at 40 deg C)				
Location	Temperature-controlled, indoor area free of conductive contaminants				
Paint Color	Munsell N1.5 (Black)				