

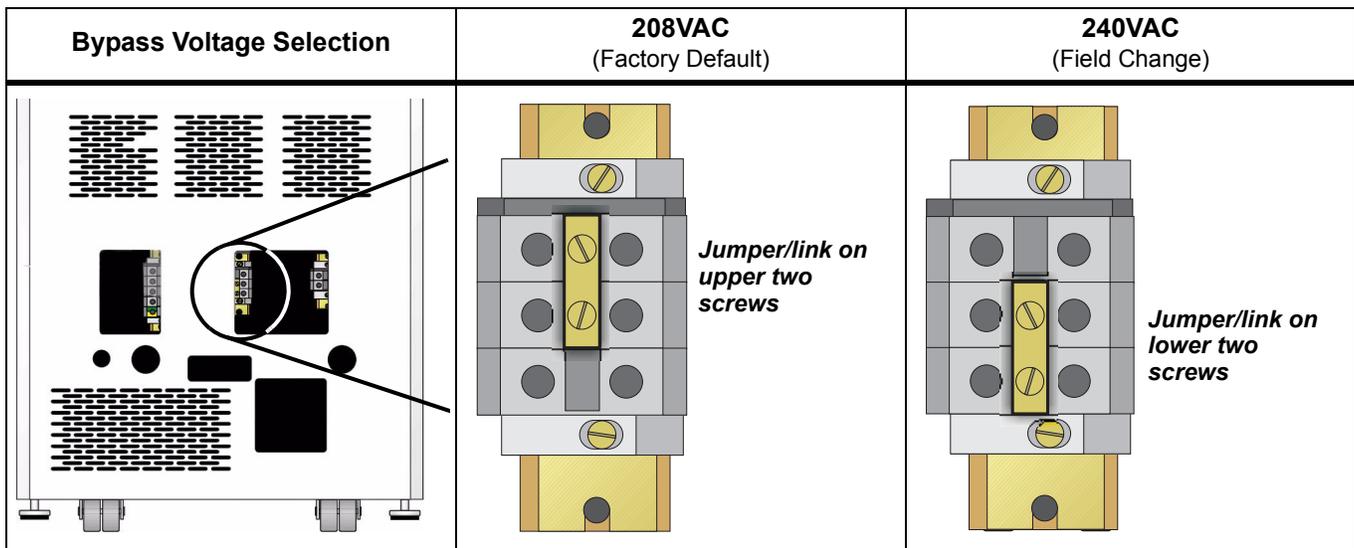
INPUT CABLING AND PROTECTION

12 - 20kVA Scalable Systems

Note: Input circuit breaker must be supplied and installed by electrical contractor.

Max. System Load Rating	Input Voltage – 208VAC		Input Voltage – 240VAC	
	Max. Current in UPS mode	Min. Input Protection Circuit Breaker	Max. Current in UPS mode	Min. Input Protection Circuit Breaker
12kVA	53 amps	75 amps	46 amps	75 amps
16kVA	70 amps	100 amps	62 amps	90 amps
20kVA	102 amps	125 amps	88 amps	125 amps
Terminal Block Details	Maximum: 35mm ² (2 AWG); Minimum: 16mm ² (6 AWG) Torque Rating: 2.5-3.0 Nm (22-26 in/lbs)			

Bypass Voltage Jumper Position (TB2)



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SL-23976 (7/05) Rev. 3

THIS LABEL MUST BE REMOVED PRIOR TO OPERATING THE UPS

OUTPUT CABLING

UPS Output Terminal Block (TB3)

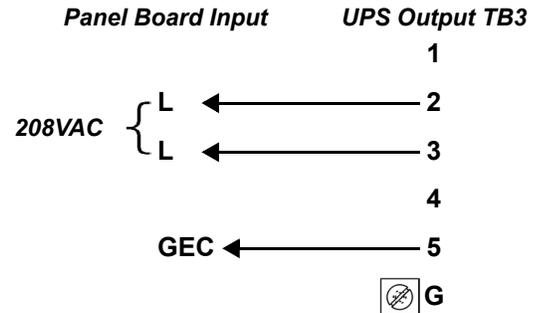
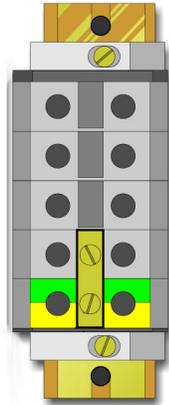
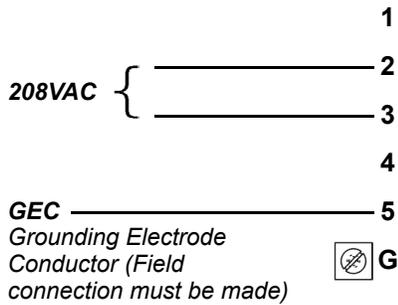
Connection to External Panel Boards

208VAC

If connected equipment operates at 208VAC only, use a single-phase panel board connected to the UPS as follows.

Setup 1 - 208VAC

Max output current = 96A



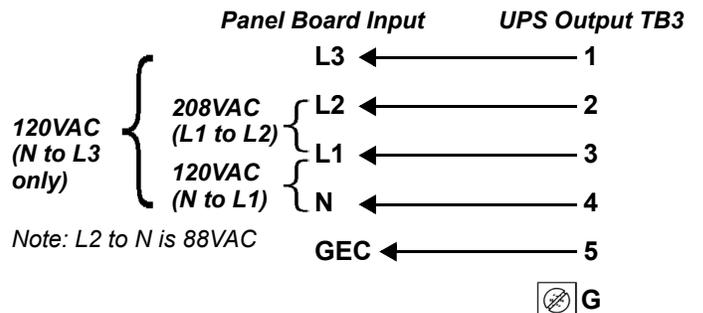
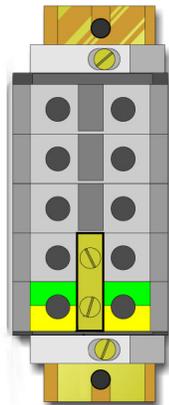
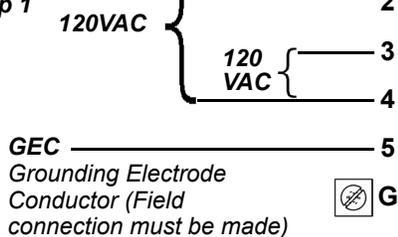
208VAC and 120VAC

If connected equipment is a combination of 208VAC and 120VAC, use a three-phase panel board connected to the UPS as follows.

Setup 2 - 120VAC

Max output current = 67A
each 120VAC circuit

208VAC also available as shown connected in Setup 1



CAUTION: It is important for the installing electrician to clearly identify the connections for future reference. Refer to NEC 215-8 and 210-4(d).

240VAC and/or 120VAC

If connected equipment operates at 240VAC only or 120VAC only or is a combination of both, use a single-phase panel board connected to the UPS as follows.

Setup 3 - 240VAC

Max output current = 83A

120VAC also available as shown connected in Setup 2

