



NOTES:

- 1) Bypass and Rectifier input must be connected with clockwise phase rotation.
- 2) For eBoost operating mode, the Bypass input must be fed from a grounded-WYE electrical system(4 Wire+Ground). Consult factory for 3-wire Input sytem.
- 3) UPS is configured for single input as standard. UPS may be configured for dual input by removing the jumpers between Rectifier and Bypass Inputs.
- 4) An external battery breaker must be provided that includes a 24VDC undervoltage release and Aux contacts.
- 5) UPS designed for installation in an electrical system with 65kA available fault current.
- 6) Assumes 100% rated circuit breaker.
- 7) Contact General Electric for details concerning operation with 3-wire input.

The AC values below are current ratings per phase.
 These maximum and nominal ratings should be considered when choosing the appropriate AC over current protection device.
 NEC(National Electric Code) Section 210-20a rules must be applied.
 DC current rating is the maximum battery discharge current which the UPS allows.

UPS Rating	Power Block Qty	Rectifier AC Input		Bypass AC Input	Common AC Input		DC Input (See Note 4)
		Nom.	Max.		Nom.	Max.	
750kW/750kVA	3	945A	1025A	903A	945A	1025A	1670A
1000kW/1000kVA	4	1260A	1367A	1203A	1260A	1367A	2227A

Size of Branch circuit over current protection - All Models:-
 "CAUTION - To Reduce the risk of fire, only connect UPS to the circuit provided with (see below) Maximum amperes branch circuit over current protection in accordance with the NEC, NSI/NFPA 70"

UPS Rating	Rectifier AC Input Note 6	Bypass AC Input Note 6	Common AC Input Note 6	DC Input (See Note 4)
750kW/750kVA	1200A	1200A	1200A	2000A
1000kW/1000kVA	1600A	1600A	1600A	2500A



ELECTRICAL DETAIL
TLE 750kW-1000kW
 with eBoost™ technology

FIRST MADE FOR: ---			
SIZE B	CAGE CODE ---	DWG NO 202 00131 01	REV : 3.0
SCALE: N.T.S	DWG Date	3/7/14	