



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) 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.	
225kW/225kVA	1	285A	310A	271A	285A	310A	545A
250kW/250kVA	1	315A	345A	301A	315A	345A	605A
400kW/400kVA	2	504A	569A	481A	504A	569A	968A
500kW/500kVA	2	630A	690A	601A	630A	690A	1210A

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		Bypass AC Input		Common AC Input		DC Input (See Note 4) 80%/100%
	80% Rated Bkr	100% Rated Bkr	80% Rated Bkr	100% Rated Bkr	80% Rated Bkr	100% Rated Bkr	
225kW/225kVA	450A	350A	350A	300A	450A	350A	600A / 600A
250kW/250kVA	450A	350A	400A	350A	450A	350A	600A / 600A
400kW/400kVA	700A	600A	700A	500A	700A	600A	1000A / 1000A
500kW/500kVA	1000A	700A	800A	700A	1000A	700A	1200A / 1200A

GE CRITICAL POWER GENERAL ELECTRIC COMPANY

ELECTRICAL DETAIL  
 TLE 250kW-500kW  
 with eBoost™ technology

FIRST MADE FOR: ---				
SIZE B	CAGE CODE ---	DWG NO	202 00132 01	
SCALE: N.T.S		DWG Date	3/12/14	REV : 2.0