



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.

USP rating	Rectifier AC Input		Bypass AC Input		Common AC Input		DC Input (See Note 4)
	Power Block QTY	Nom.	Max.	Nom.	Max.	Nom.	
625 kW / 625 kVA	3	782 A	880 A	752 A	782 A	880 A	1500 A

**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 according with the NEC, NSI / NFPA 70"**

USP rating	Rectifier AC Input		Bypass AC Input		Rectifier 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	
625 kW / 625 kVA	1200 A / 1000 A	1000 A / 800 A	1200 A / 1000 A	n/a / 1600 A			

- NOTE:
- 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 system.
  - 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
  - 6) Assumes 100% rated circuit breaker.
  - 7) Contact General Electric for details concerning operation with 3-wire input.

Date		27.11.2018		Date		27.11.2018	
Des.		Barbarani R.		Des.		Barbarani R.	
Check		Condolfi S.		Check		Condolfi S.	
Name		Bobliano C.		Name		Bobliano C.	
Revision		1		Revision		2	
Date				Date			
Condit.				Condit.			
UPS schematic diagram				TLE Series			
GE Proprietary and Confidential				625kVA 3ph UL			
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CH-6595 Riazziro Locarno				REVISION			
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