

DEVICE RATINGS (RECOMMENDED/PRESENT) (DEVICE MAKE-SCHNEIDER ELECTRIC)					
LOCATION	DEVICE ID	DEVICE	RATING		
			@380V	@400V	@415V
FEEDER	MIB	ACB	5000AF (NW50H1)	5000AF (NW50H1)	5000AF (NW50H1)
INPUT PANEL	UIB-1/2/3	MCCB	2500AF (NW25H2)	2500AF (NW25H2)	2500AF (NW25H2)
SYSTEM BYPASS PANEL	UOB-1/2/3	SWITCH DISCONNECT	2000AF (INS2000)	2000AF (INS2000)	2000AF (INS2000)
	SIB	ACB	5000AF (NW50H1)	5000AF (NW50H1)	4000AF (NW40HF)
	MBB				
CLASSIC BATTERY CABINET	BB	MCCB	600AF		
BATTERY BREAKER CABINET	BB	ACB	4000AF		
BATTERY BREAKER BOX	BB	MCCB	600AF/1000AF		
<div><div></div><div>9</div></div>					

CURRENT DATA IN AMPS UPS1250KW (SKU# GVX1250K1250HS)			
	Ø380V	Ø400V	Ø415V
NOMINAL INPUT (NO CHARGING)	2001	1899	1828
MAXIMUM INPUT CURRENT**	2214	2127	2048
NOMINAL OUTPUT CURRENT	1899	1804	1739
FULL LOAD BATTERY CURRENT (@ VMIN)	3410		
** NOMINAL INPUT VOLTAGE AND FULL CHARGE.			

LEGEND:	
---	AC CABLE (PROVIDED BY OTHERS)
---	500VDC CABLE (PROVIDED BY OTHERS)

NOTES:

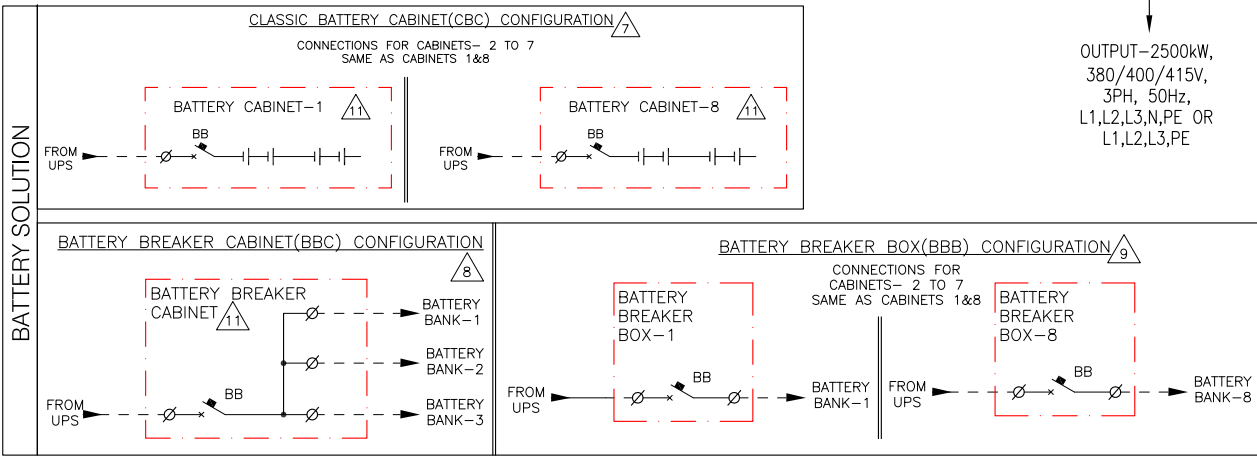
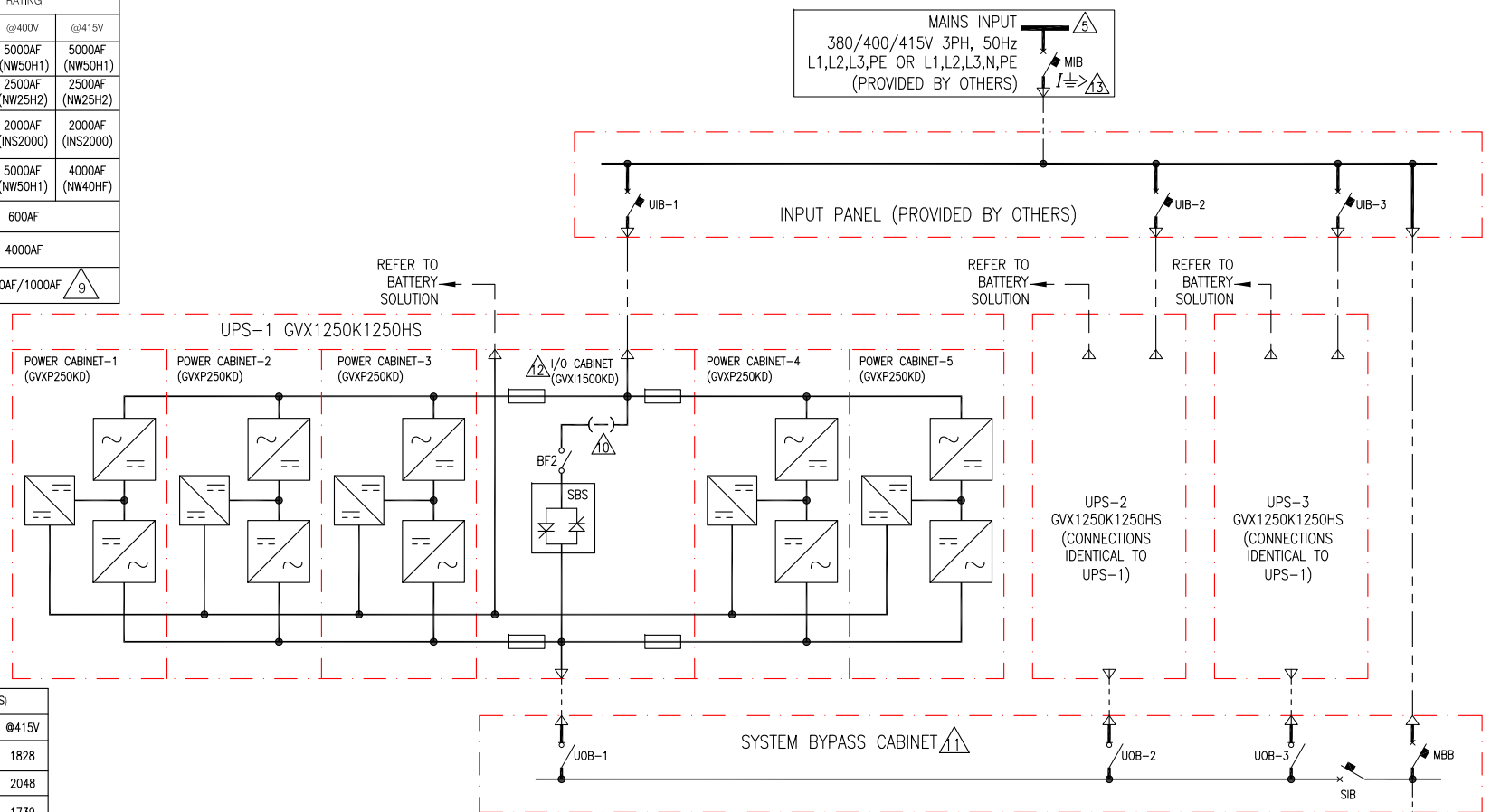
1. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
2. REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
3. DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
4. FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
- Δ5. INPUT AC SOURCE TO BE 3 WIRE+PE OR 4 WIRE+PE. TN, TT AND IT POWER DISTRIBUTION SYSTEM WITH NO EARTHED LINE CONDUCTORS ARE SUPPORTED.
6. BACK FEED PROTECTION "BF2" BUILT INTO UPS MODULE.
- Δ7. CONFIGURATION APPLICABLE FOR 6, 7 OR 8 NUMBER OF BATTERY STRINGS.
- Δ8. USE OF BBC IS MANDATORY IF NUMBER OF BATTERY STRINGS ARE 3 OR LESS.
- Δ9. CONFIGURATION APPLICABLE IF NUMBER OF BATTERY STRINGS ARE BETWEEN 4 AND 8. BATTERY BREAKER RATING (PER STRING) IS 1000A IF NUMBER OF BATTERY STRINGS ARE FROM 4 OR 5. BATTERY BREAKER RATING (PER STRING) IS 600A IF NUMBER OF BATTERY STRINGS ARE 6, 7 OR 8.
- Δ10. SINGLE FEED KIT (0H-9161) IS PART OF UPS SKU AND MUST BE INSTALLED FOR THIS CONFIGURATION.
- Δ11. SKUs ARE ETO (ENGINEER TO ORDER) ITEMS.
- Δ12. MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND: Icw=100ka RMS SYMMETRICAL.
- Δ13. A READILY ACCESSIBLE BREAKER IS REQUIRED FOR UPSTREAM CURRENT PROTECTION. MAXIMUM FAULT CURRENT DISCONNECTION TIME: 46 SECONDS@200% In.

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TITLE: GALAXY VX
Input: 380/400/415V AC 3PH 50Hz SINGLE FEED
Output: 380/400/415V AC 3PH 50Hz 2500kW
1250kW UPS 3 MOD N+1 w BATT & SBC
SYSTEM ONE LINE DIAGRAM
PROJECT: DRAWINGS SHEET 1 OF 2

DWG NO: GVX1250K1250HBSBCR3-SD
DRAWN BY: BALA 30-MAY-18
ENGINEER: M PAULSEN/S ANDERSEN 30-MAY-18
APPROVED BY: H N / D M / G S 30-MAY-18
REV. 7
ANGLE
PROJECTION
N. A



DEVICE RATINGS (RECOMMENDED/PRESENT) (DEVICE MAKE-SCHNEIDER ELECTRIC)					
LOCATION	DEVICE ID	DEVICE	RATING		
			@380V	@400V	@415V
FEEDER	MIB	ACB	5000AF (NW50H1)	5000AF (NW50H1)	5000AF (NW50H1)
	BIB		5000AF (NW50H1)	5000AF (NW50H1)	4000AF (NW40BH1)
INPUT PANEL	UIB-1/2/3	MCCB	2500AF (NW25H2)	2500AF (NW25H2)	2500AF (NW25H2)
	SSIB-1/2/3		2500AF (NW25H2)	2500AF (NW25H2)	2000AF (NW20H2)
SYSTEM BYPASS PANEL	UOB-1/2/3	SWITCH DISCONNECT	2000AF (NS2000)	2000AF (NS2000)	2000AF (INS2000)
	SIB	ACB	5000AF (NW50H1)	5000AF (NW50H1)	4000AF (NW40HF)
	MBB				
CLASSIC BATTERY CABINET	BB	MCCB	600AF		
BATTERY BREAKER CABINET	BB	ACB	4000AF		
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					<div>9</div>

CURRENT DATA IN AMPS UPS1250KW (SKU# GVX1250K1250HS)			
	@380V	@400V	@415V
NOMINAL INPUT (NO CHARGING)	2001	1899	1828
MAXIMUM INPUT CURRENT**	2214	2127	2048
NOMINAL BYPASS INPUT CURRENT	1918	1822	1757
NOMINAL OUTPUT CURRENT	1899	1804	1739
FULL LOAD BATTERY CURRENT (@ VMIN)	3410		
** NOMINAL INPUT VOLTAGE AND FULL CHARGE.			

LEGEND:	
---	AC CABLE (PROVIDED BY OTHERS)
- - -	500VDC CABLE (PROVIDED BY OTHERS)

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- INPUT AC SOURCE TO BE 3 WIRE+PE, TN, TT AND IT POWER DISTRIBUTION SYSTEM WITH NO EARTHED LINE CONDUCTORS ARE SUPPORTED.
- BYPASS INPUT TO BE 3 WIRE+PE OR 4 WIRE+PE, TN, TT AND IT POWER DISTRIBUTION SYSTEM WITH NO EARTHED LINE CONDUCTORS ARE SUPPORTED.
- CONFIGURATION APPLICABLE FOR 6, 7 OR 8 NUMBER OF BATTERY STRINGS..
- USE OF BBC IS MANDATORY IF NUMBER OF BATTERY STRINGS ARE 3 OR LESS.
- CONFIGURATION APPLICABLE IF NUMBER OF BATTERY STRINGS ARE BETWEEN 4 AND 8.
- BATTERY BREAKER RATING (PER STRING) IS 1000A IF NUMBER OF BATTERY STRINGS ARE FROM 4 OR 5.
- BATTERY BREAKER RATING (PER STRING) IS 600A IF NUMBER OF BATTERY STRINGS ARE 6, 7 OR 8.
- BACK FEED PROTECTION "BF2" BUILT INTO UPS MODULE.
- SKUs ARE ETO (ENGINEER TO ORDER) ITEMS.
- MAXIMUM INPUT SHORT-CIRCUIT WITHSTAND: Icw=100kA RMS SYMMETRICAL.
- A READILY ACCESSIBLE BREAKER IS REQUIRED FOR UPSTREAM CURRENT PROTECTION.
- MAXIMUM FAULT CURRENT DISCONNECTION TIME: 46 SECONDS@200% In.

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Schneider Electric

TITLE: GALAXY VX
Input: 380/400/415V AC 3PH 50Hz DUAL FEED
Output: 380/400/415V AC 3PH 50Hz 2500kW
1250kW UPS 3 MOD N+1 w BATT & SBC
SYSTEM ONE LINE DIAGRAM
PROJECT: DRAWINGS **SHEET** 2 OF 2

DWG NO: GVX1250K1250HBSBCR3-SD **REV.** 7
DRAWN BY: BALA 30-MAY-18 **ANGLE**
ENGINEER: M PAULSEN/S ANDERSEN 30-MAY-18 **PROJECTION**
APPROVED BY: H N / D M / G S 30-MAY-18 **N. A.**

