



DEVICE RATINGS (RECOMMENDED/PRESENT) (DEVICE MAKE-SCHNEIDER ELECTRIC)					
LOCATION	DEVICE ID	DEVICE	RATING		
			@380V	@400V	@415V
FEEDER	UIB	MCCB	3200AF (NW32H2)	3200AF (NW32H2)	3200AF (NW32H2)
	BIB/SSIB		3200AF (NW32H2)	2500AF (NW25H2)	2500AF (NW25H2)
MAINTENANCE BYPASS CABINET (MBC)	MBB / UOB	SWITCH DISCONNECT	2500AF (INS2500)	2500AF (INS2500)	2500AF (INS2500)
CLASSIC BATTERY CABINET	BB	MCCB	600AF		
BATTERY BREAKER CABINET	BB	ACB	4000AF		
BATTERY BREAKER BOX	BB	MCCB	600AF/1000AF ⁹		

CURRENT DATA IN AMPS @1000KW (SKU# GVX1000K1500HS)			
	@380V	@400V	@415V
NOMINAL INPUT (NO CHARGING)	1601	1519	1463
MAXIMUM INPUT CURRENT**	1771	1702	1638
NOMINAL BYPASS INPUT CURRENT	1535	1458	1405
NOMINAL OUTPUT CURRENT	1519	1443	1391
FULL LOAD BATTERY CURRENT (@ VMIN)	2728		
** NOMINAL INPUT VOLTAGE AND FULL CHARGE.			

CURRENT DATA IN AMPS @1500KW (SKU# GVX1000K1500HS)			
	@380V	@400V	@415V
NOMINAL INPUT (NO CHARGING)	2401	2279	2194
MAXIMUM INPUT CURRENT**	2657	2552	2457
NOMINAL BYPASS INPUT CURRENT	2302	2187	2108
NOMINAL OUTPUT CURRENT	2279	2165	2087
FULL LOAD BATTERY CURRENT (@ VMIN)	4092		
** NOMINAL INPUT VOLTAGE AND FULL CHARGE.			

NOTES:

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES.
- REFER TO PRODUCT INSTALLATION DOCUMENTATION FOR SITE PREPARATIONS.
- DRAWING DEPICTS POWER SYSTEM CONNECTIONS AND IS NOT REPRESENTATIVE OF PHYSICAL LAYOUT. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT LAYOUT.
- FINAL SELECTIONS ARE RESPONSIBILITY OF ENGINEER OF RECORDS BASED ON INSTALLED CONDITIONS AND SCC/SELECTIVE CO-ORDINATION/ARC-FLASH ANALYSIS.
- 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 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 TO 6. BATTERY BREAKER RATING (PER STRING) IS 600A IF NUMBER OF BATTERY STRINGS ARE 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 1000kW
1000kW EXPANDABLE TO 1500kW UPS 1 MOD W MBC&BAT.
SYSTEM ONE LINE DIAGRAM

PROJECT: DRAWINGS **SHEET** 1 OF 1

DWG NO: GVX1000K1500HBMCC1M2-SD
DRAWN BY: BALA 30-MAY-18
ENGINEER: S ANDERSEN 30-MAY-18
APPROVED BY: H N / D M / G S 30-MAY-18

REV. 6
ANGLE
PROJECTION
N. A

