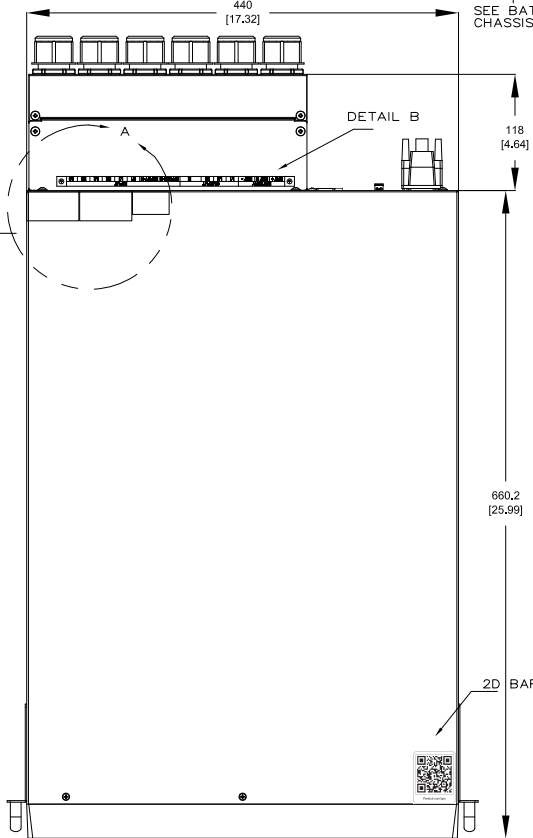
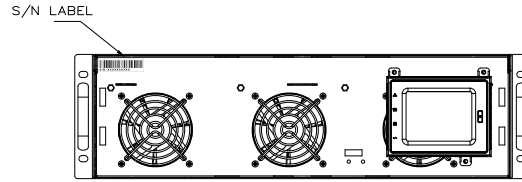
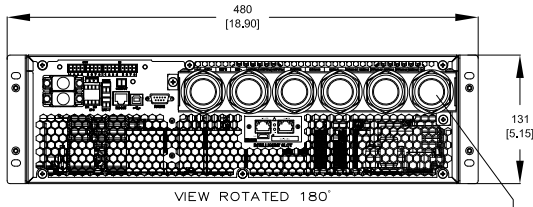


DETAIL A
SCALE 1: 3

BATTERY		OUTPUT			INPUT		
BAT +	BAT -	L1	L2	L3	N	BYPASS-N	INPUT-N

DETAIL B
SCALE 1: 3

SPECIFICATION:

1. STANDARD:

UPS TOPOLOGY:	DOUBLE CONVERSION
KVA:	20
BATTERY TYPE:	VALVE REGULATOR LEAD ACID
FULL-LOAD RUN TIME (MIN):	4.1 MINUTES WITH ONE EBP CONNECTED
INPUT PLUG:	HARDWARE TERMINAL CONNECTION (L1+L2+L3+N+G)
NOMINAL INPUT VOLTAGE:	380/400/415 VAC
INPUT PHASE:	3 PHASE
OUTPUT PHASE:	3 PHASE/1PHASE
NOMINAL OUTPUT VOLTAGE:	380/400/415 VAC (3 PHASE) 220/230/240 VAC (1 PHASE)
OUTLET TYPE AND QTY:	HARDWARE TERMINAL CONNECTION (L1+L2+L3+N+G:3X L+N+G)
DISPLAY TYPE:	3.5 INCH TOUCH SCREEN
PARALLEL PORT SUPPORT:	YES
INPUT BREAKER TYPE:	N/A
OUTPUT BREAKER TYPE:	N/A

2. ADDITIONAL:

NONE

3. ACCESSORY COMPONENTS:

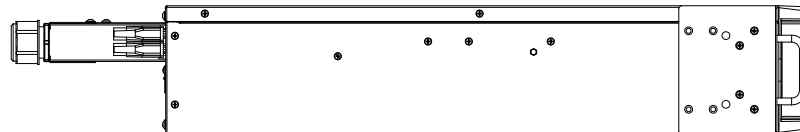
P/N U20N32V CONTAINS AN INTELLIGENT NETWORK CARD(INSTALLED)
STABILIZER BRACKET(WITH RUBBER CUSHION), QTY:(4)
STABILIZER BRACKET CONNECTORS(WITH RUBBER CUSHION), QTY:(2)
INSTALLATION EARS, QTY:(2)
PRODUCT SAFETY WARNING SHEET,QTY:(1)
INCLUDES P/N:UVP480 EXTERNAL BATTERY PACK, QTY:(1),(IN A SEPARATE CARTON)SEE SHEET3
INCLUDES P/N:URMKIT2 INSTALLATION RAIL KIT, QTY:(1)
EPO PLUG WITH SHORTING WIRE,QTY:(1),(INSTALLED)
BATTERY TEMPERATURE DETECTION CABLE 0.64M, QTY:(1)
CABLE GLAND, QTY:(6)
INPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR BYPASS CONNECTION),QTY:(1)
INPUT COPPER BAR(3:1 MODE, SINGLE SOURCE, FOR MAINS CONNECTION),QTY:(2)
INPUT COPPER BAR(3:1 MODE, DUAL SOURCE, FOR BYPASS CONNECTION),QTY:(1)
OUTPUT COPPER BAR(FOR 1PH OUTPUT CONNECTION),QTY:(1)
CABLE WHT EBP CONNECTOR ON ONE END AND RING TERMINALS ON THE OTHER END,QTY:(1)
RING TERMINALS INCLUDED(Ø10/16/25/35),QTY:(5/11/3/5)
HEATSHRINK INCLUDED(Ø8*30MM/Ø12*35MM),QTY:(17/8)
PARALLEL CABLE DB15 MALE TO DB15 FEMALE 1.5M,QTY:(1)
DOCUMENTATION KIT, QTY(1) - TO BE PLACED ON TOP OF ALL PACKAGING MATERIAL
REFER TO ASSOCIATED DRAWINGS FOR PHYSICAL DIMENSIONS AND SPECIFICATIONS

NOTES:

1. PRIMARY DIMENSIONS ARE IN MILLIMETERS.SECONDARY DIMENSIONS ARE IN INCHES
2. INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL,STATE,AND LOCAL CODES
3. VISIT OUR ON-LINE CATALOG AT WWW.PANDUIT.COM FOR A CURRENT LIST OF PRODUCTS APPLICABLE FOR USE WITH THIS PRODUCT
4. ALL PURCHASED ITEMS CONFORM TO C2-0834 PANDUIT SPECIFICATION FOR CHEMICAL SUBSTANCES TO BE CONTROLLED IN PRODUCT AND PACKAGING

IDENTIFICATION:

PART NUMBER	DESCRIPTION	SHIPPING WEIGHT(INCLUDES EXTERNAL BATTERY PACK) (KG)
U20S32V	UPS, 20kVA, 7U (3U UPS + 4U EBP), 400V, 3 PHASE, DOUBLE-CONVERSION ON-LINE POWER PROTECTION	210
U20N32V	UPS, 20kVA, 7U (3U UPS + 4U EBP), 400V, 3 PHASE DOUBLE-CONVERSION ON-LINE POWER PROTECTION WITH INTELLIGENT NETWORK CARD	210.3



							FILE				U20S32V/U20N32V CONTROL DRAWING			
							REV. REVISION NO.				U20S32V/U20N32V/02			
							U20S32V/U20N32V-DC/02A				PANDUIT			
							U20S32V/U20N32V-DC/02A				N/A			
							UNLESS OTHERWISE SPECIFIED (IN)				THIRD ANGLE PROJECTION			
							DIMENSIONAL TOLERANCE				N/A			
							A-UPDATED DESCRIPTION				U20N32V			
							B-ADDED SHEET 3				U20N32V			
							RELEASE TO PRODUCTION				U20N32V			
							ECN				DATE			
							12/30/2021				BY			
							M.D.				VARIABLE			
							SHT 1 OF 3				D			

PANDUIT

18900 PANDUIT DRIVE, 60487, USA
WWW.PANDUIT.COM

UNINTERRUPTIBLE POWER SYSTEMS

MODEL NUMBER: 1K3V1E

INPUT(MAINS): 380/400/415VAC | 50/60Hz | 74.2A MAX. | 3PH+N+PE

INPUT(MAINS): 380/400/415VAC | 50/60Hz | 124.5A MAX. | 3PH+N+PE

INPUT(BYPASS): 380/400/415VAC | 50/60Hz | 72.2A MAX. | 3PH+N+PE

INPUT(BYPASS): 220/230/240VAC | 50/60Hz | 124.5A MAX. | 1PH+N+PE

BATTERY INPUT: $\pm 240V$ | 43.9A MAX.

MAINS Icc: 10 kA | BYPASS Icc: 10kA

OUTPUT: 380/400/415VAC | 50/60Hz | 52.5A MAX. | 3PH+N+PE

OUTPUT: 220/230/240VAC | 50/60Hz | 91.0A MAX. | 1PH+N+PE

CAPACITY: 20 kVA - 20 kW

PROHIBIDO SU USO EN EXTERIORES

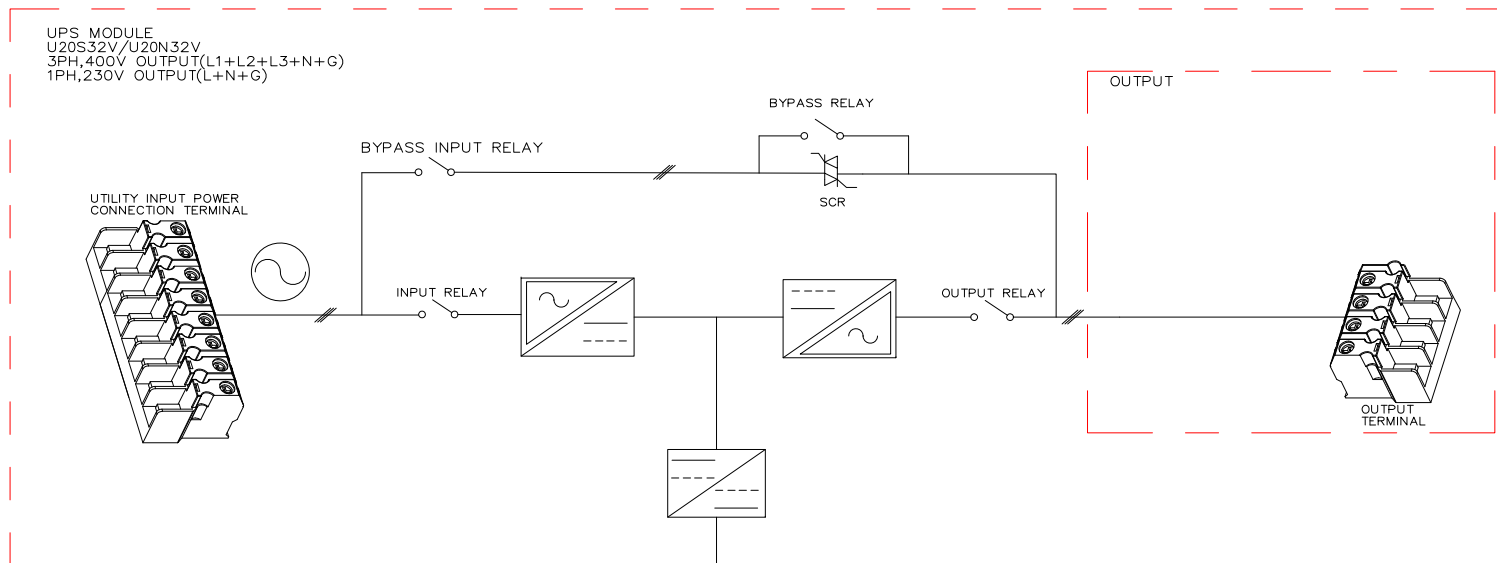
MADE IN xxx
HECHO EN xxx



P/N: U20N32V



UPS MODULE
U20S32V/U20N32V
3PH, 400V OUTPUT(L1+L2+L3+N+G)
1PH, 230V OUTPUT(L+N+G)



LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	CIRCUIT BREAKER		AC-DC CONVERTER
	RELAY		DC-AC CONVERTER
	DC-DC CONVERTER		BATTERY
	UTILITY CONNECTION TERMINAL		SCR
	OUTPUT CONNECTION TERMINAL		

EXTERNAL BATTERY

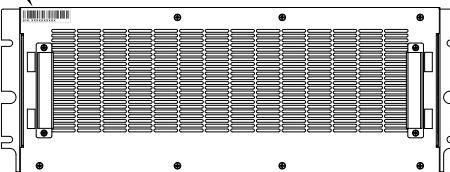


EXTERNAL BATTERY GROUPS
TOTAL SUPPORTED 8 GROUPS BATTERY IN PARALLEL

LCD-V001B0100000
PFC-V000B0000000
RV-V01B0100000
MONITOR-V001B0100000

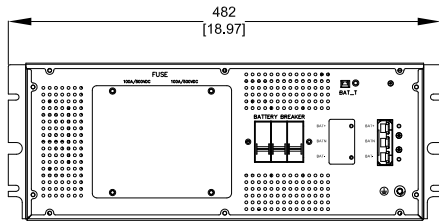
								FILE			
								UPS			
								U20S32V/U20N32V			
								CONTENTS: DRAWING			
								REV. NUMBER DATE			
								U20S32V/U20N32V/02			
								U20S32V/U20N32V/DC-02A			
								UNLESS OTHERWISE SPECIFIED			
								DIMENSIONAL TOLERANCES ARE: MM [IN]			
								N/A			
								THIRD ANGLE PROJECTION			
								U20N32V-DC			
								SHT 2 OF 3			
								D			

				C.REMOVED BATTERY COVER D.ADDED 1/4" DIA. OF BATTERY COVER E.REMOVED 5/8" DIA. OF DRAWING F.REMOVED 1/4" DIA. OF DRAWING G.ADDED ADDITIONAL S/N LABEL H.REMOVED 1/4" DIA. OF TOWER KIT J.REMOVED ORB AND U/S LABEL K.ADDED DOCUMENTATION KIT				U20N32V				
02A	06/24/2024	HL	WZM	GLM/CAN					U20N32V			
01A	08/04/2022	HL	ZR2	GLM/DUB	A.UPDATED DESCRIPTION B.REMOVED SHEET 3				U20N32V			
02A	10/24/2021	HL	ZR2	GLM/DUB	RELEASE TO PRODUCTION				U20N32V			
REV	DATE	BY	CHK	APR	DESCRIPTION				ECN			



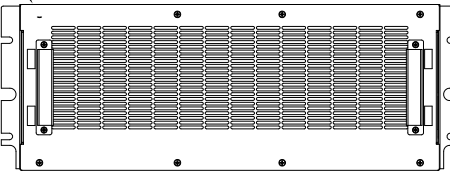
1

A

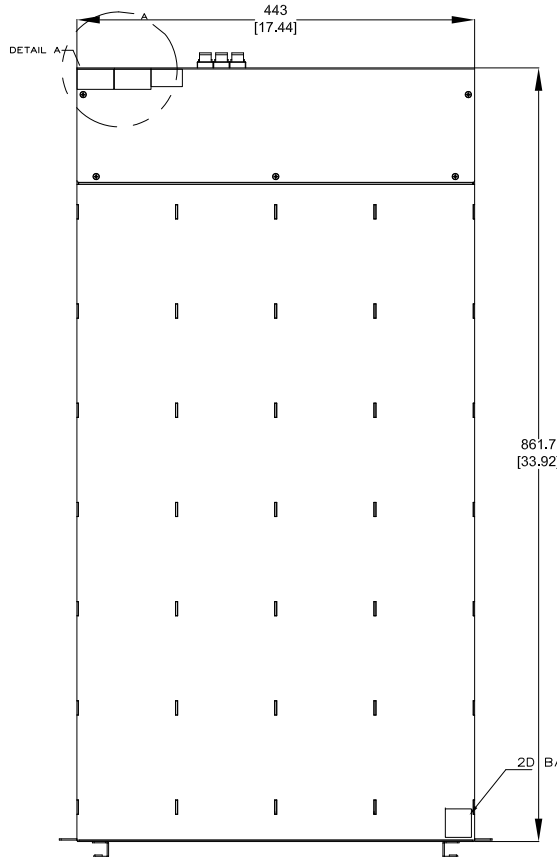


VIEW ROTATED 180°

S/N LABEL

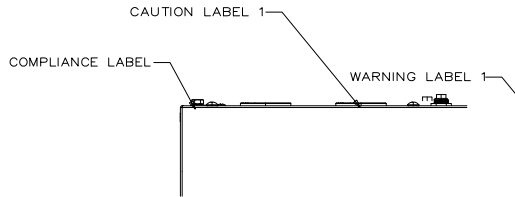


UVP480 REFERENCE IMAGE

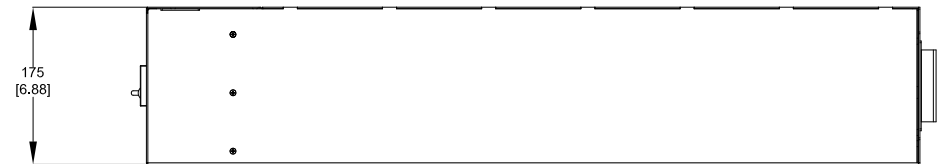


861.7
[33.92]

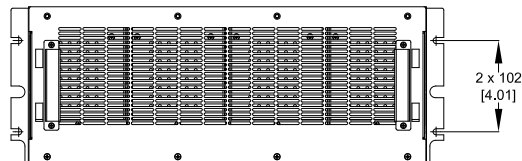
2D BARCODE LABEL



DETAIL A
SCALE 1: 2



175
[6.88]



2 x 102
[4.01]

						PROJECT SPS-EDI-571		PROJECT SPS-EDI-571	
						PART NAME		PART NAME	
						SEE TABLE		SZK-PD-W-993	
						SUPERSEDED NUMBER		PRODUCTION LINE 1-2	
						01		V001	
						TITLE			
						UPS			
						U10S32V/U10N32V			
						CONTROL DRAWING			
						NEW REVISIONS			
						U10S32V/U10N32V/02			
						U10S32V/U10N32V/-DA/02A			
						UNLESS OTHERWISE SPECIFIED			
						DIMENSIONAL TOLERANCES ARE IN (IN)			
						N/A			
						THIRD ANGLE PROJECTION			
						U10N32V-DA			
						SHT 3 OF 3			

02A	06/24/2024	HL	WZH	GLM/CAN	C.REMOVED BATTERY COVER D.ADDED ROM LOGO E.REMOVED SMARTZONE FROM DRAWING F.GENERALIZED COUNTRY OF ORIGIN G.ADDED ADDITIONAL S/N LABEL H.ADDED RUBBER GROUND ON TOWER KIT I.REMOVED DB9 AND USB CABLE J.ADDED DOCUMENTATION KIT	U10N32V
01A	08/04/2024	HL	ZRZ	GLM/DJB	A.UPDATED DESCRIPTION	U10N32V
00A	12/30/2021	HL	ZRZ	GLM/DJB	RELEASE TO PRODUCTION	U10N32V
REV	DATE	BY	CHK	APR	DESCRIPTION	ECN