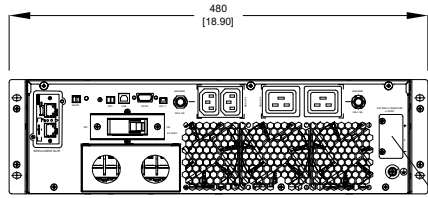
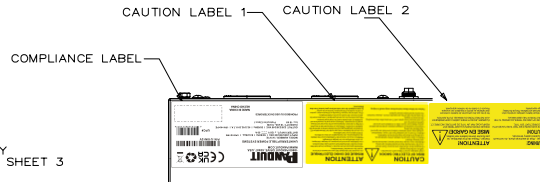


THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



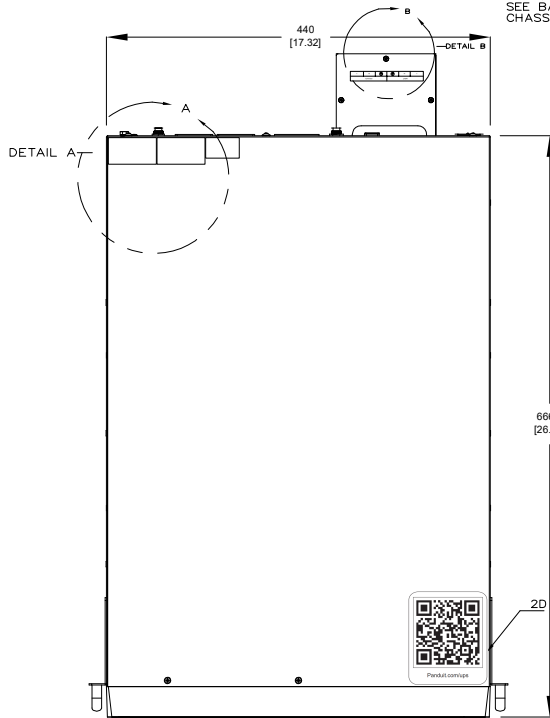
VIEW ROTATED 180°



DETAIL A  
SCALE 1: 3

INPUT		OUTPUT	
L	N	N	L
⊕	⊕	⊕	⊕

DETAIL B  
SCALE 1: 3



SEE BATTERY CHASSIS ON SHEET 3

2D BARCODE LABEL

**SPECIFICATION:**

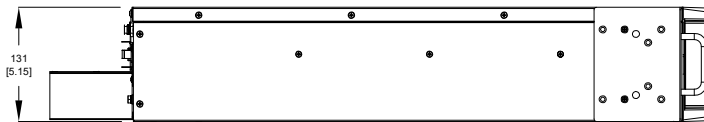
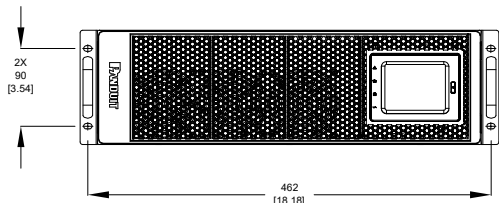
- STANDARD:
  - UPS TOPOLOGY: DOUBLE CONVERSION
  - KVA: 10
  - BATTERY TYPE: VALVA REGULATED LEAD ACID
  - FULL-LOAD RUN TIME (MIN): 4.5 MINUTES WITH ONE EBP CONNECTED
  - INPUT PLUG: TERMINAL CONNECTION(L+N+G)
  - NOMINAL INPUT VOLTAGE: 220/230/240V
  - INPUT PHASE: SINGLE
  - OUTPUT PHASE: SINGLE
  - NOMINAL OUTPUT VOLTAGE: 220/230/240V
  - OUTLET TYPE AND QTY: IEC-C13(2)+IEC-C19(2)+HARDWARE TERMINAL CONNECTION (L+N+G)
  - DISPLAY TYPE: 3.5 INCH TOUCH SCREEN
  - PARALLEL PORT SUPPORT: NO
  - INPUT BREAKER TYPE: 63A TOGGLE
  - OUTPUT BREAKER TYPE: 16A(1)+10A(1) PUSH BUTTON
  - WEIGHT OF Pb(LEAD): 34KG
  - WEIGHT OF H2SO4(SULFURIC ACID): 8KG
- ADDITIONAL:
  - NONE
- ACCESSORY COMPONENTS:
  - P/N U10N12V CONTAINS AN INTELLIGENT NETWORK CARD(INSTALLED)
  - STABILIZER BRACKET, QTY:(4)
  - STABILIZER BRACKET CONNECTORS, QTY:(2)
  - INSTALLATION RAIL KIT GUIDE, QTY:(1)
  - INSTALLATION EARS, QTY:(2)
  - DB9/DB9 RS232 1.5M COMMUNICATION CABLE, QTY:(1)
  - USB-A/USB-B 1.5M SERIAL COMMUNICATION CABLE, QTY:(1)
  - INCLUDES P/N:UVP240 INTERNAL BATTERY CARTRIDGE, QTY:(1)(IN A SEPERATE CARTON) SHEETS
  - INCLUDES P/N:URMKIT2 INSTALLATION RAIL KIT, QTY:(1)
  - INCLUDES P/N:USB-HID INTERFACE USER MANUAL, QTY:(1)
  - INCLUDES P/N:PRODUCTION USER MANUAL, QTY:(1)
  - EPO PLUG WITH SHORTING WIRE,QTY:(1),(INSTALLED)
  - MBS PLUG WITH SHORTING WIRE,QTY(1)(INSTALLED)
  - REFER TO ASSOCIATED DRAWINGS FOR PHYSICAL DIMENSIONS AND SPECIFICATIONS

**NOTES:**

- PRIMARY DIMENSIONS ARE IN MILLIMETERS. SECONDARY DIMENSIONS ARE IN INCHES
- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES
- VISIT OUR ON-LINE CATALOG AT WWW.PANDUIT.COM FOR A CURRENT LIST OF PRODUCTS APPLICABLE FOR USE WITH THIS PRODUCT.
- 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)
U10S12V	SMARTZONE UPS, 10kVA, 6U (3U UPS + 3U EBP), 230V, SINGLE PHASE, DOUBLE-CONVERSION ON-LINE POWER PROTECTION	102.4
U10N12V	SMARTZONE UPS, 10kVA, 6U (3U UPS + 3U EBP), 230V, SINGLE PHASE, DOUBLE-CONVERSION ON-LINE POWER PROTECTION WITH INTELLIGENT NETWORK CARD	105.6



REV	DATE	BY	CHK	DESCRIPTION	ECN	DATE	BY	CHK	DESCRIPTION	ECN
00A	08/17/2021	ZHB	ZRK	RELEASE TO PRODUCTION						
01A	02/22/2021	ZHB	ZRK	A ADDED NOTE UNDER VIEW B UPDATED DESCRIPTION C ADDED SHEET 3						
02A	02/26/2021	ZHB	ZRK	A ADDED MBS PLUG ITEM INTO ACCESSORY COMPONENTS LIST B UPDATED DESCRIPTION C ADDED BARCODE DESCRIPTION F UPDATE UPS WARNING LABEL						

U10N12V/02	U10N12V-DA/02A	U10N12V-DC
U10N12V-DA/02A	U10N12V-DC	U10N12V-DC
U10N12V-DC	U10N12V-DC	U10N12V-DC

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.

**PANDUIT**

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

UNINTERRUPTIBLE POWER SYSTEMS

MODEL NUMBER: 1H1V1E  
INPUT: 220/230/240 VAC | 50/60Hz | 63 A Max. | 1PH+N+PE  
BATTERY INPUT: ± 120 V --- 50 A  
OUTPUT: 220/230/240 VAC | 50/60Hz | 45.5/43.5/41.7 A | 1PH+N+PE  
CAPACITY: 10 KVA- 10 kW  
Icc: 10 kA Protective Class: I



P/N: U10N12V

UPC# 6 110578 22140 4

PROHIBIDO SU USO EN EXTERIORES

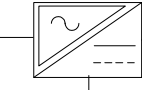
MADE IN CHINA  
HECHO CHINA

UPS MODULE  
U10S12V/U10N12V  
1PH, 220/230V/240V OUTPUT  
(L+N+G)

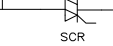
UTILITY INPUT POWER  
CONNECTION TERMINAL



INPUT RELAY



BYPASS RELAY



OUTPUT RELAY

SCR

OUTPUT

G2 RELAY

BREAKER

MAX 10A

G2 OUTLET RECEPTACLE C13\*2

G3 RELAY

BREAKER

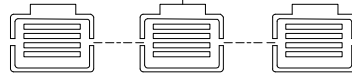
MAX 16A

G3 OUTLET RECEPTACLE C19\*2



G1 OUTPUT TERMINAL

EXTERNAL BATTERY



EXTERNAL BATTERY GROUPS  
TOTAL SUPPORTED 5 GROUPS BATTERY IN PARALLEL

DISPLAY FIRMWARE VERSION: V010B000000  
CORE FIRMWARE VERSION: V010B000000

LEGEND			
	DESCRIPTION CIRCUIT BREAKER		DESCRIPTION AC-DC CONVERTER
	DESCRIPTION RELAY		DESCRIPTION AC-DC CONVERTER
	DESCRIPTION AC-DC CONVERTER		DESCRIPTION BATTERY
	DESCRIPTION CONNECTION TERMINAL		DESCRIPTION SCR

REVISION	DATE	BY	CHK	APP	DESCRIPTION
02A	02/06/2023	ZHZ		GLM/DJB	D. ADDED MBS PLUGS, THEM INTO ACCESSORY COMPONENTS LIST
01A	02/24/2022	ZHZ		GLM/DJB	ELABORATE 2D BARCODE DESCRIPTION, UPDATE UPS'S WARNING LABEL, ELABORATE 2D BARCODE DESCRIPTION, UPDATE UPS'S WARNING LABEL
00A	08/17/2021	ZHZ		GLM/DJB	RELEASED TO PRODUCTION
REV	DATE	BY	CHK	APP	DESCRIPTION

FILE	SMARTZONE UPS U10S12V/U10N12V CUSTOMER DRAWING
REV	U10N12V/02 U10N12V-DA/02A
DATE	08/17/2021
BY	ZHZ
CHK	GLM
APP	DJB
DESCRIPTION	RELEASED TO PRODUCTION
ECON	

DATE	08/17/2021
BY	ZHZ
CHK	GLM
APP	DJB
DESCRIPTION	RELEASED TO PRODUCTION
ECON	

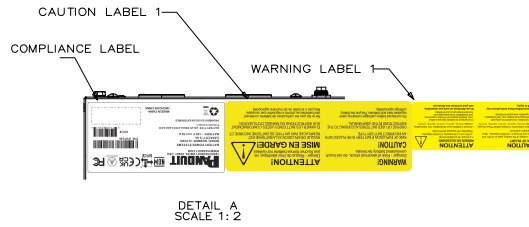
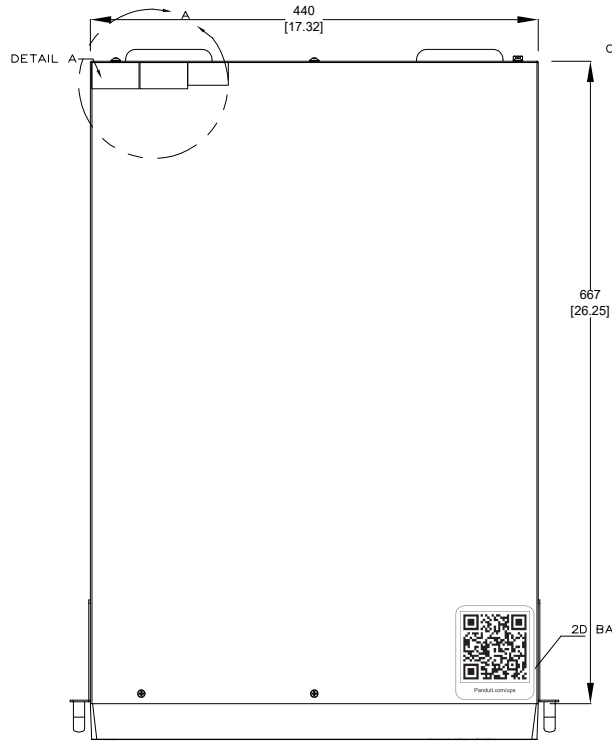
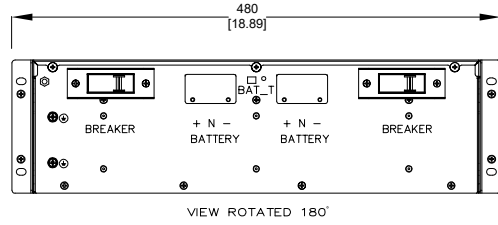
DATE	08/17/2021
BY	ZHZ
CHK	GLM
APP	DJB
DESCRIPTION	RELEASED TO PRODUCTION
ECON	



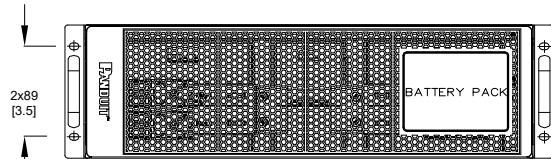
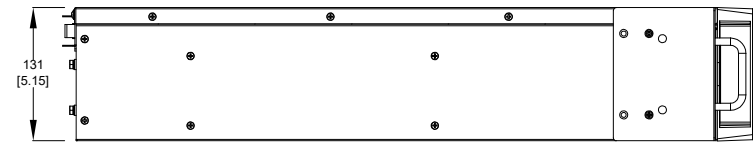
U10N12V-DC

SHT 2 OF 3

THIS COPY IS PROVIDED ON A RESTRICTED BASIS AND IS NOT TO BE USED IN ANY WAY DETRIMENTAL TO THE INTERESTS OF PANDUIT CORP.



UVP240 REFERENCE IMAGE



REV	DATE	BY	CHK	APR	DESCRIPTION	ECN	DATE	BY	CHK	APR	DESCRIPTION	ECN	DATE	BY	CHK	APR	DESCRIPTION	ECN	
00A	08/17/2021	ZHB	ZRK	GLM/D.B	RELEASE TO PRODUCTION	U10N2V													
01A	02/25/2022	ZHB	ZRK	GLM/D.B	A. ADDED NOTE UNDER VIEW B. UPDATED DESCRIPTION C. ADDED SHEET 3	U10N2V													
02A	02/04/2023	ZHB	ZRK	GLM/D.B	D. ADDED MISC PLUG ITEM INTO ACCESSORY COMPONENTS LIST E. UPDATE 2D BARCODE DESCRIPTION F. UPDATE USER WARNING LABELS	U10N2V													

PART NO. U10N2V		PART NAME SMARTZONE UPS U10S12V/U10N12V	
REV. 02		CUSTOMER DRAWING	
REV. NUMBER U10N12V/02		REV. NUMBER U10N12V-DA/02A	
REV. NUMBER U10N12V-DA/02A		REV. NUMBER U10N12V-DC	
DIMENSIONAL TOLERANCES ARE: MM (IN)		N/A	
THIS DRAWING IS THE PROPERTY OF PANDUIT CORPORATION. IT IS TO BE USED FOR THE MANUFACTURE OF THE PARTS SPECIFIED HEREIN ONLY. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF PANDUIT CORPORATION.		PANDUIT	
SHEET NO. 3		SHEET TOTAL 3	