

1. STANDARD:

USE WITH UPS CAPACITY: 1-3 KVA SINGLE PHASE LONG RUNTIME UNIT
BATTERY TYPE: LITHIUM-ION
NOMINAL INPUT/OUTPUT VOLTAGE: 48VDC
BREAKER TYPE: 125A/1P(1)

2. ADDITIONAL:
NONE

3. ACCESSORY COMPONENTS:

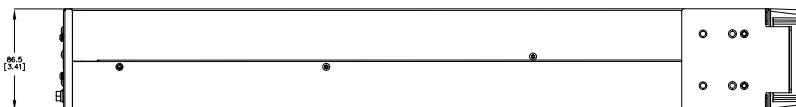
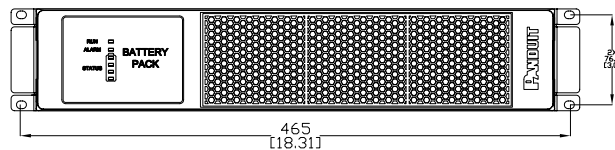
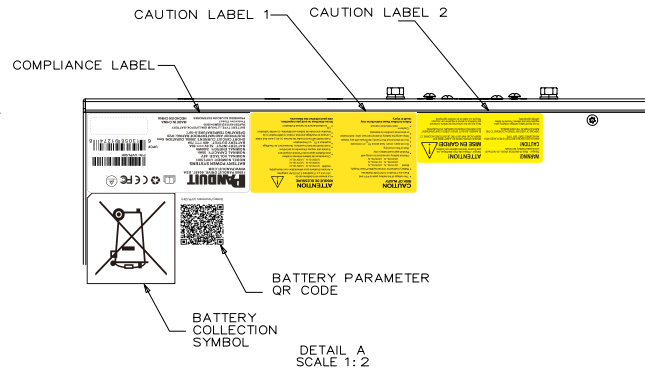
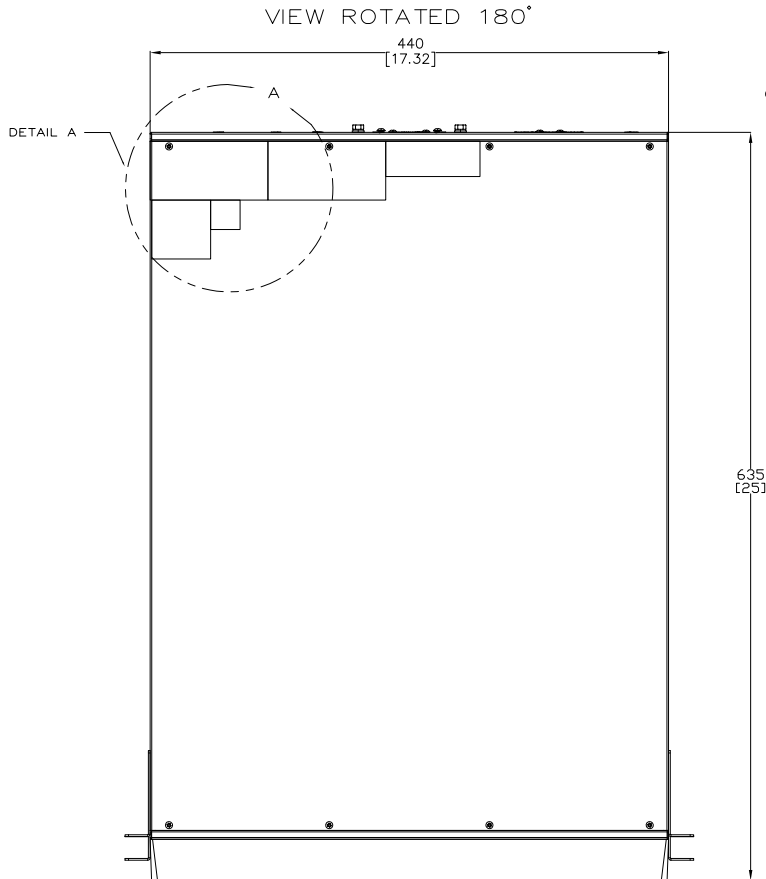
STABILIZER BRACKET(WITH RUBBER CUSHION), QTY: (4)
INSTALLATION EARS, QTY:(2)
PRODUCT SAFETY WARNING SHEET, QTY(1)
EBP POWER CABLE, QTY: (1)
GROUNDING CABLE, QTY: (1)
RJ45 COMMUNICATION CABLE, QTY, (2)
INCLUDES P/N:URMKIT2 INSTALLATION RAIL KIT, QTY (1)
DOCUMENTATION KIT, QTY(1)
REFER TO ASSOCIATED DRAWINGS 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. UPS IS REQUIRED FOR USE COMPATIBLE WITH MODELS LISTED BELOW (SOLD SEPARATELY):
1kVA: U01N16L-N, U01N18L-N
2kVA: U02N16L-N, U02N18L-N
3kVA: U03N16L-N, U03N18L-N
5. FOR A LONGER 5m EBP CABLE USE UVP1T3VCL (SOLD SEPARATELY)

IDENTIFICATION:

PART NUMBER	DESCRIPTION	SHIPPING WEIGHT (KG)
UVPL50H	STEADYSINE™ UPS LONG RUNTIME EXTERNAL BATTERY PACK 48V CHASSIS & BATTERIES	37.6



EXTERNAL BATTERY PACK UVPL50H CUSTOMER DRAWING									
PANDUIT									
N/A									
UVPL50H-DC									
SHT 1 OF 2									

REV	DATE	BY	CHK	DESCRIPTION	ECN
00A	04/03/2025	D.J.	M.R.	RELEASED TO PRODUCTION	012153/00

REV	DATE	BY	CHK	DESCRIPTION	ECN
00A	04/03/2025	D.J.	M.R.	RELEASED TO PRODUCTION	012153/00

PANDUIT

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



BATTERY POWER SYSTEMS

MODEL NUMBER: UVPL50H

NOMINAL VOLTAGE: 48V

NOMINAL CAPACITY: 50Ah

NOMINAL ENERGY: 2400Wh

BATTERY INPUT: 52.5V --- 50A

BATTERY OUTPUT: 48V --- 75A

SHORT CIRCUIT CURRENT: 2900A, DURATION: 6ms

DUSTPROOF AND WATERPROOF RATING: IP20

OPERATING TEMPERATURE: 0-50°C

BATTERY TYPE: LITHIUM ION (LIFEPO4) BATTERY

IFP229/149/119/115/100/50/95

Protective Class: I

MADE IN CHINA

HECHO EN CHINA

PROHIBIDO SU USO EN EXTERIORES

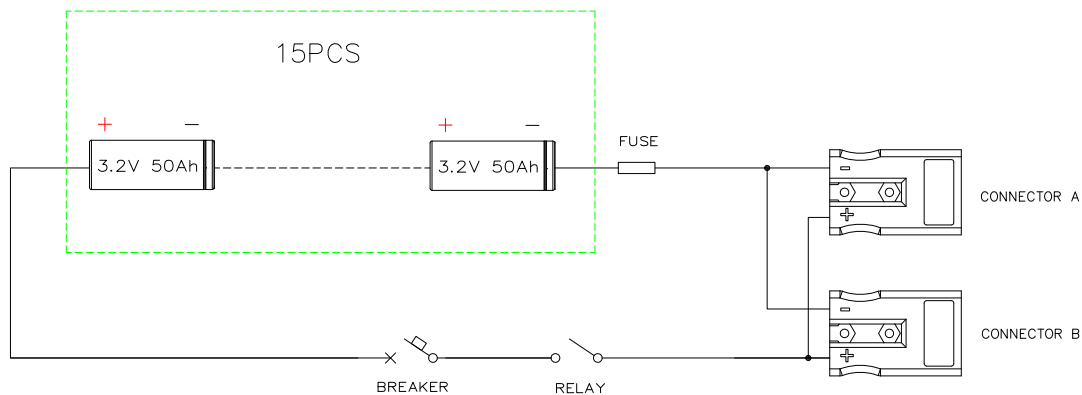


P/N: UVPL50H

UPC#



EXTERNAL BATTERY
PACK:
UVPL50H



LEGEND

SYMBOL	DESCRIPTION
	CIRCUIT BREAKER
	RELAY
	BREAK
	FUSE
	BATTERY UNIT

REV						DESCRIPTION						ECN					
1	04/03/2025	GLM	VARIOUS	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SEE SHEET 1 FOR CHANGES																	
UNLESS OTHERWISE SPECIFIED, DIMENSIONAL TOLERANCES ARE IN (IN)																	
BATTERY PACK SIZE: UVPL50H-DC/00A																	
REV NUMBER: UVPL50H/00																	
TITLE: EXTERNAL BATTERY PACK UVPL50H																	
CUSTOMER DRAWING																	
DRAWN BY: GLM																	
THIRD ANGLE PROJECTION																	
DRAWN BY: GLM																	
DATE: 04/03/2025																	
SHEET NUMBER: UVPL50H-DC																	
SHEET 2 OF 2																	