



XBDM/XPD

with P91 5-10kVA

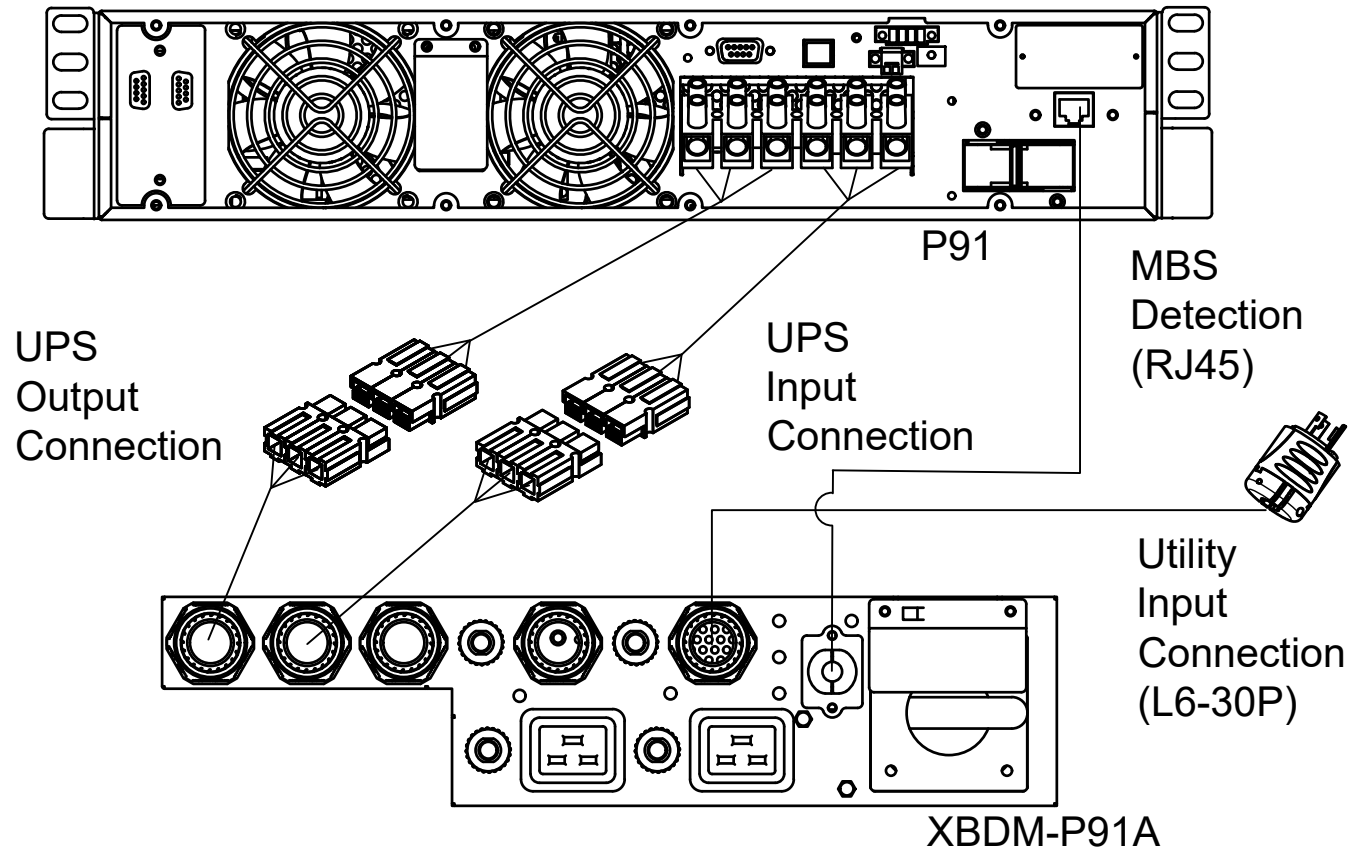
Installation Addendum

Table of Contents

- 1. P91 5-10k with Bypass
 - 1.1. P91 with XBDM-P91A.....3
 - 1.2. P91 with XBDM-P91B.....4
 - 1.3. P91 with XBDM-P91C.....5
 - 1.4. P91 with XBDM-P91D.....6
- 2. P91 5-10k with Output Transformer
 - 2.1. P91 with XPD-IT6kW.....7
 - 2.2. P91 with XPD-IT10kW.....8
- 3. P91 with Bypass and Transformer
 - 3.1. P91 with XBDM-P91A and XPD-IT60A.....9
 - 3.2. P91 with XBDM-P91B and XPD-IT60A.....10
 - 3.3. P91 with XBDM-P91C and XPD-IT60A.....11
 - 3.4. P91 with XBDM-P91D and XPD-IT60A.....12
 - 3.5. P91 with XBDM-P91B and XPD-IT6kW.....13
 - 3.6. P91 with XBDM-P91C and XPD-IT6kW.....14
 - 3.7. P91 with XBDM-P91B with XPD-IT10kW.....15
 - 3.8. P91 with XBDM-P91C with XPD-IT10kW.....16

Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) Load connections can be made from the bypass .



XTREME
Power Conversion®

PROJECT

P91 with Accessories

TITLE

P91 with XBDM-P91A

APPROVED

CHECKED

DRAWN

SIZE

A

CODE

DWG NO

IC-P91-P91A

REV

0

9/30/2022

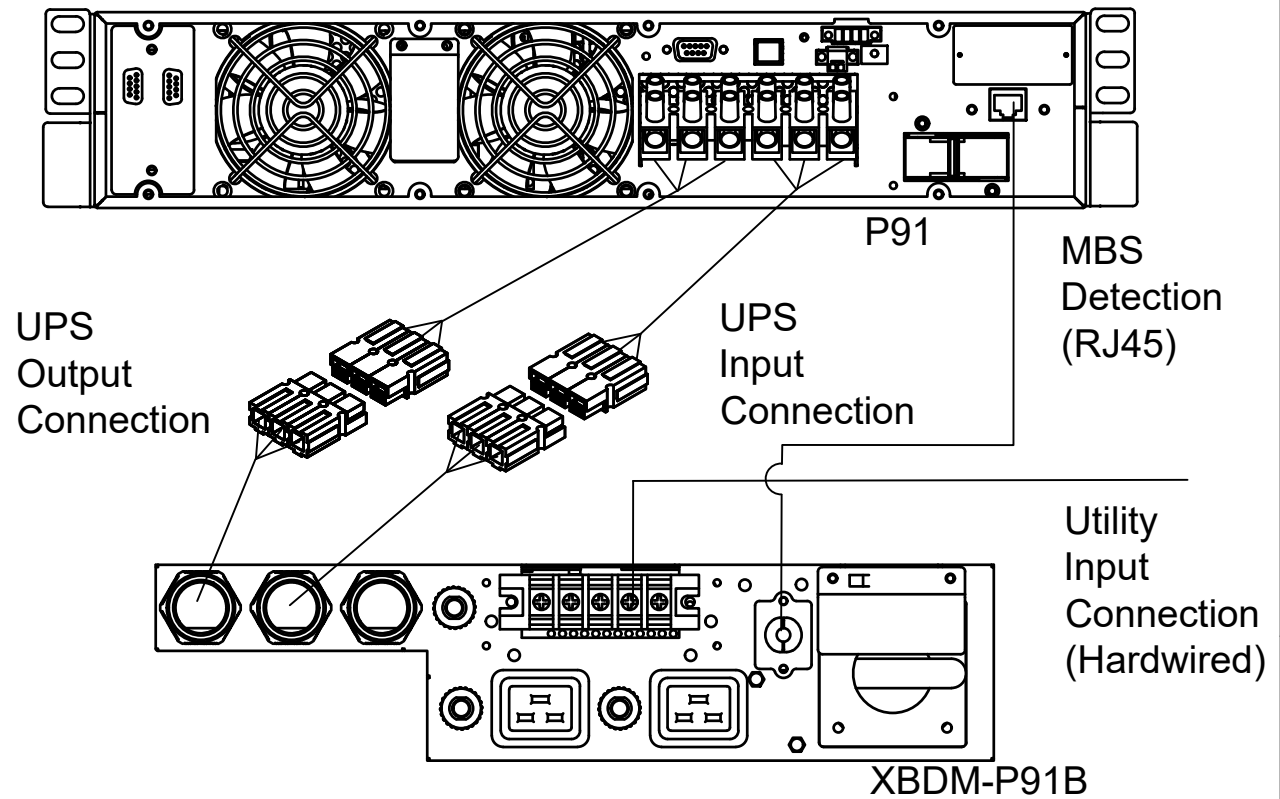
SCALE 1:4

WEIGHT

SHEET 1/1

Notes:

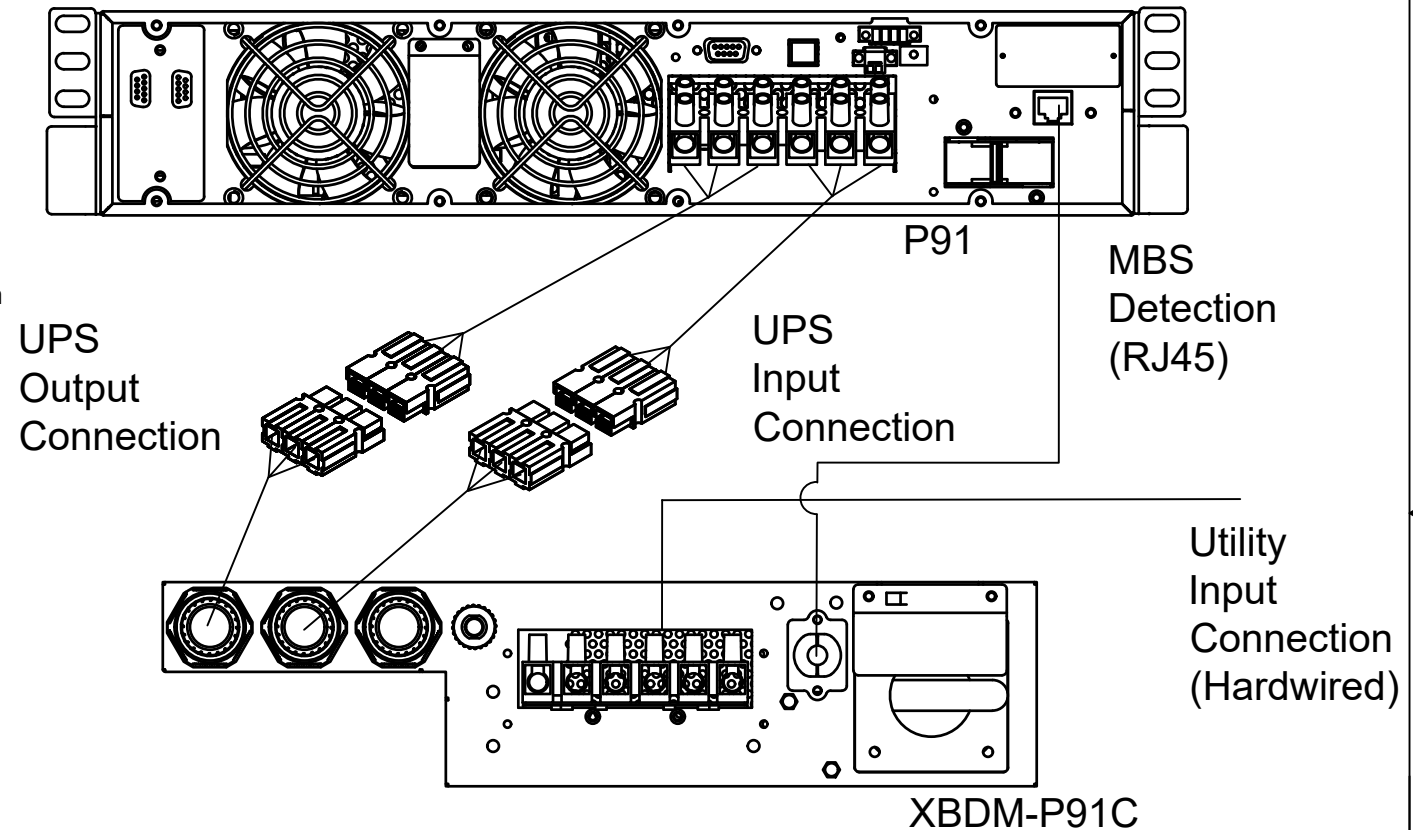
- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) Load connections can be made from the bypass .



		PROJECT			P91 with Accessories	
		TITLE			P91 with XBDM-P91B	
APPROVED		SIZE	CODE	DWG NO		REV
CHECKED		A		IC-P91-XBDMP91B		0
DRAWN	9/30/2022	SCALE 1:4		WEIGHT		SHEET 1/1

Notes:

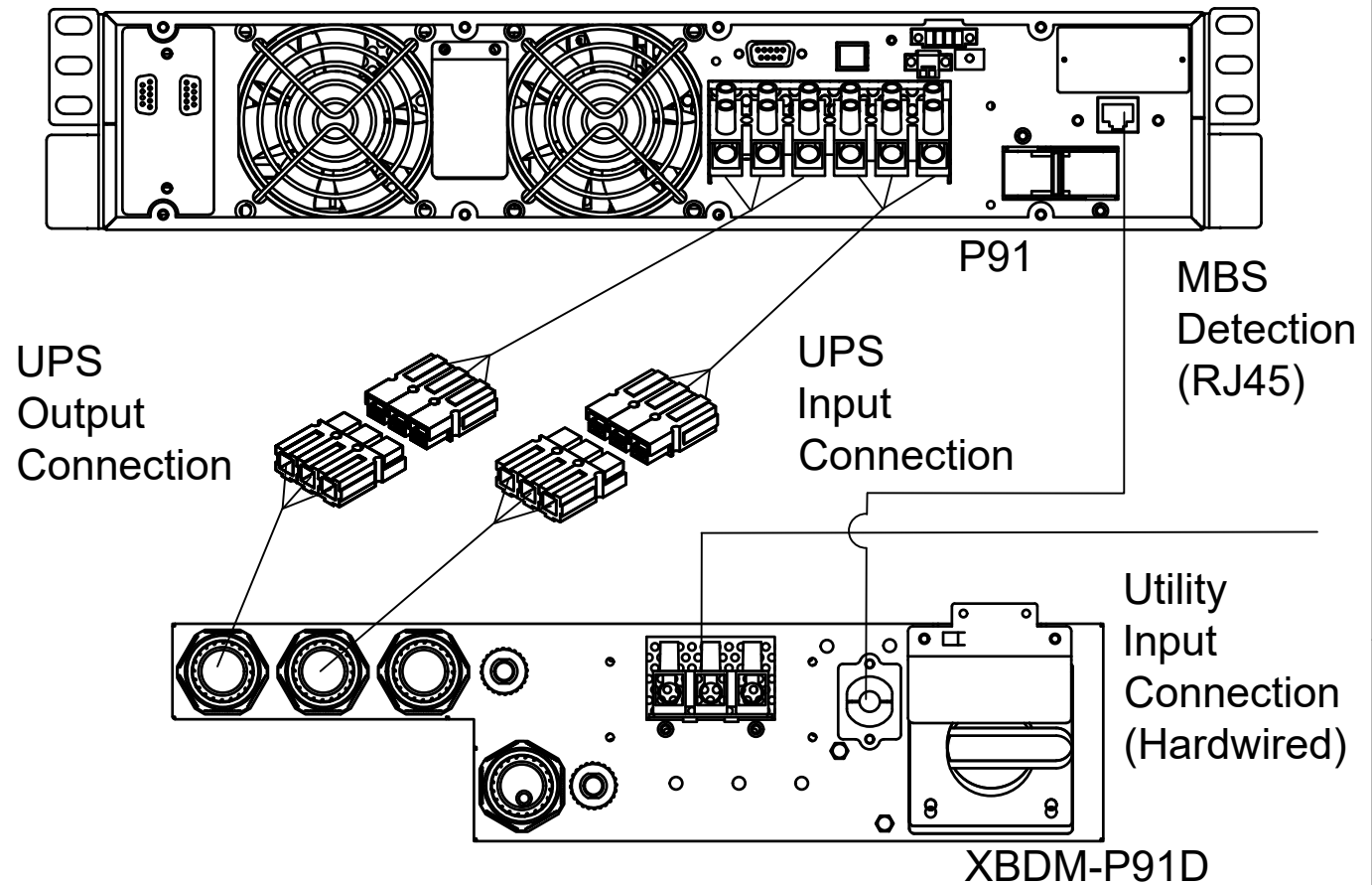
- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) Load connections can be made from the bypass .



		PROJECT P91 with Accessories			
		TITLE P91 with XBDM-P91C			
APPROVED		SIZE	CODE	DWG NO	REV
CHECKED		A		IC-P91-XBDM-P91C	0
DRAWN	9/30/2022	SCALE 1:4		WEIGHT	SHEET 1/1

Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) Load connections can be made from the bypass .

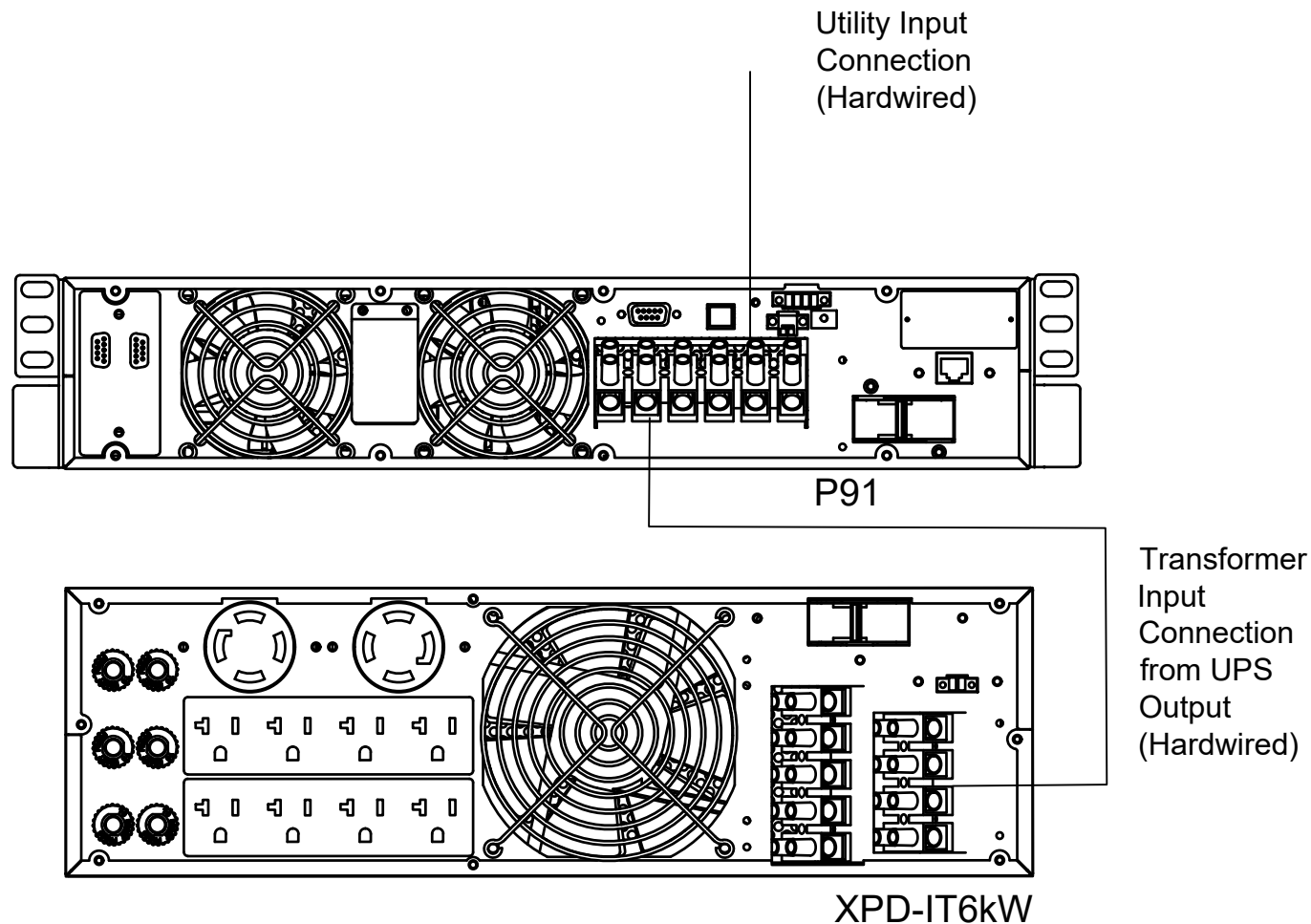



		PROJECT P91 with Accessories			
		TITLE P91 with XBDM-P91D			
APPROVED	A	SIZE	CODE	DWG NO	REV
CHECKED		A		IC-P91-XBDM-P91D	0
DRAWN	9/30/2022	SCALE 1:4		WEIGHT	SHEET 1/1



Notes:

- 1) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 2) Load connections are made from the transformer.
- 3) Voltage selector jumper on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.



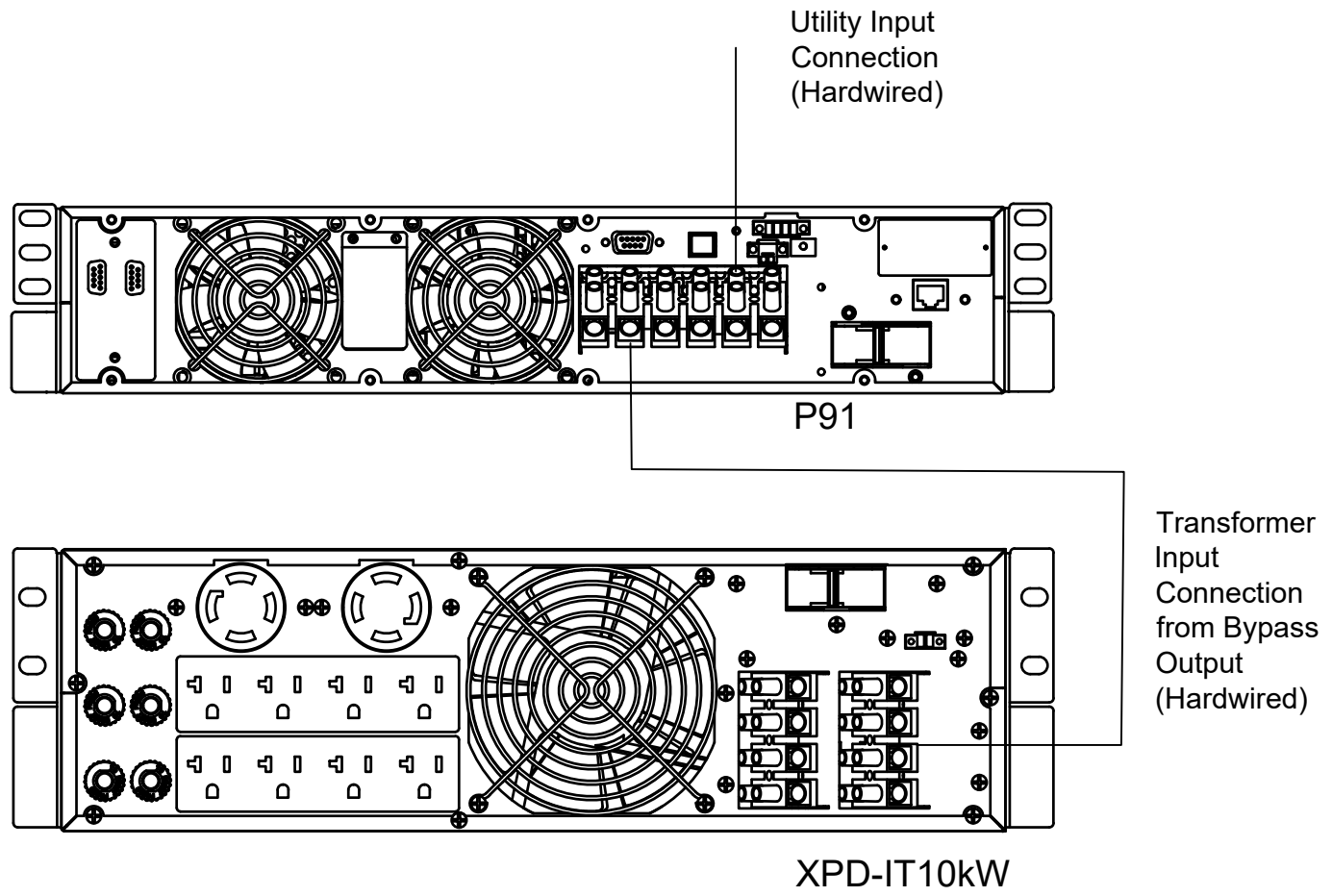
	PROJECT P91 with Accessories			
	TITLE P91 with XPD-IT6kW			
APPROVED	SIZE A	CODE	DWG NO	REV
CHECKED			IC-P91-IT6kW	0
DRAWN	9/30/2022	SCALE 1:4	WEIGHT	SHEET 1/1






Notes:

- 1) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 2) Load connections are made from the transformer.
- 3) Voltage selector jumper on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.

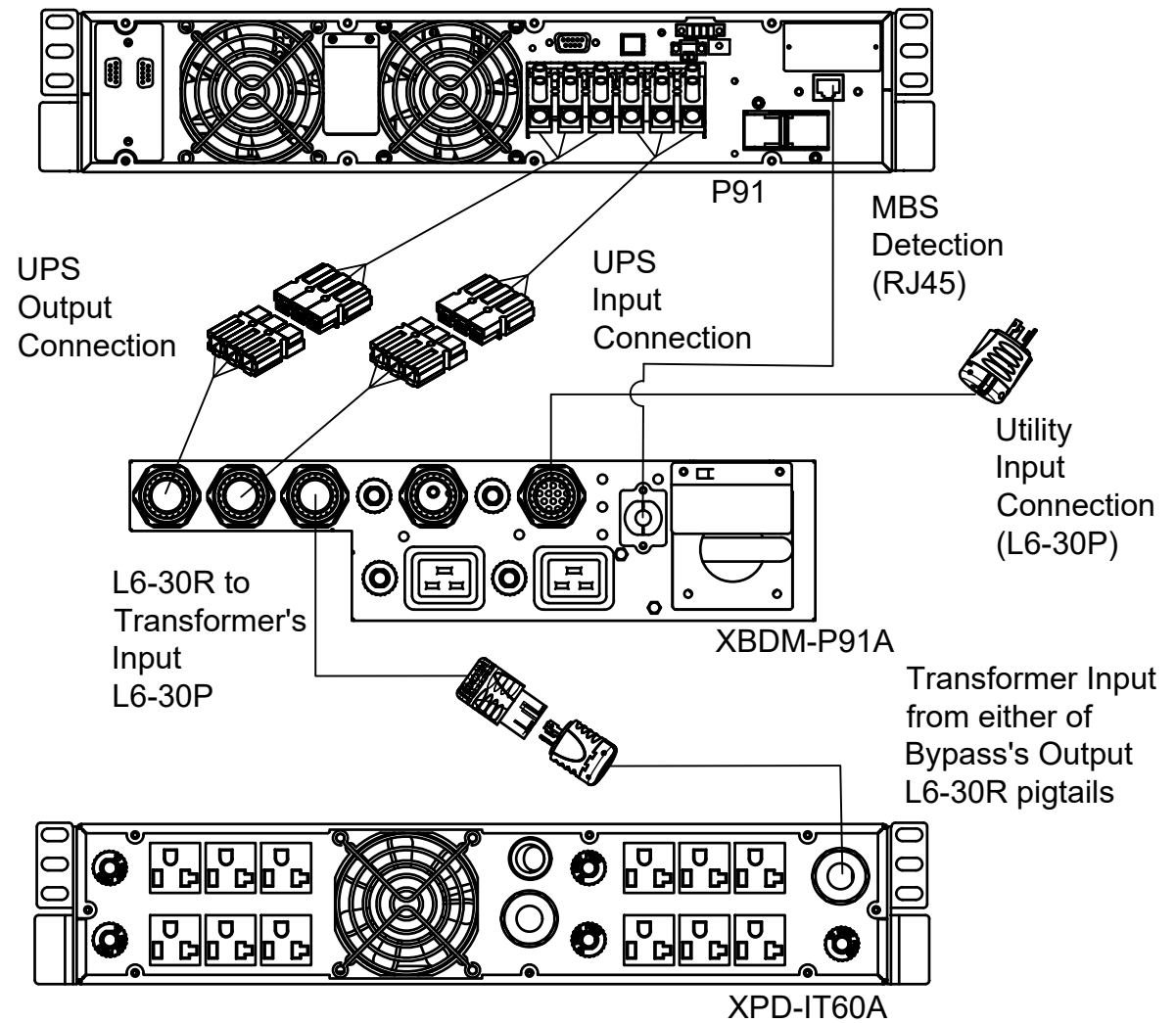


	PROJECT P91 with Accessories			
	TITLE P91 with XPD-IT10kW			
APPROVED	SIZE A	CODE	DWG NO	REV
CHECKED			IC-P91-IT10kW	0
DRAWN	9/30/2022	SCALE 1:4	WEIGHT	SHEET 1/1



Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) Voltage selector switch on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.
- 4) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 5) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 6) Load connections can be made from either the bypass or transformer, depending on voltages needed.



XTREME
Power Conversion®

PROJECT

P91 with Accessories

TITLE

P91 with XBDM-P91A and XPD-IT60A

APPROVED

CHECKED

DRAWN

SIZE

A

CODE

DWG NO

IC-P91-P91A-IT60A

REV

0

9/30/2022

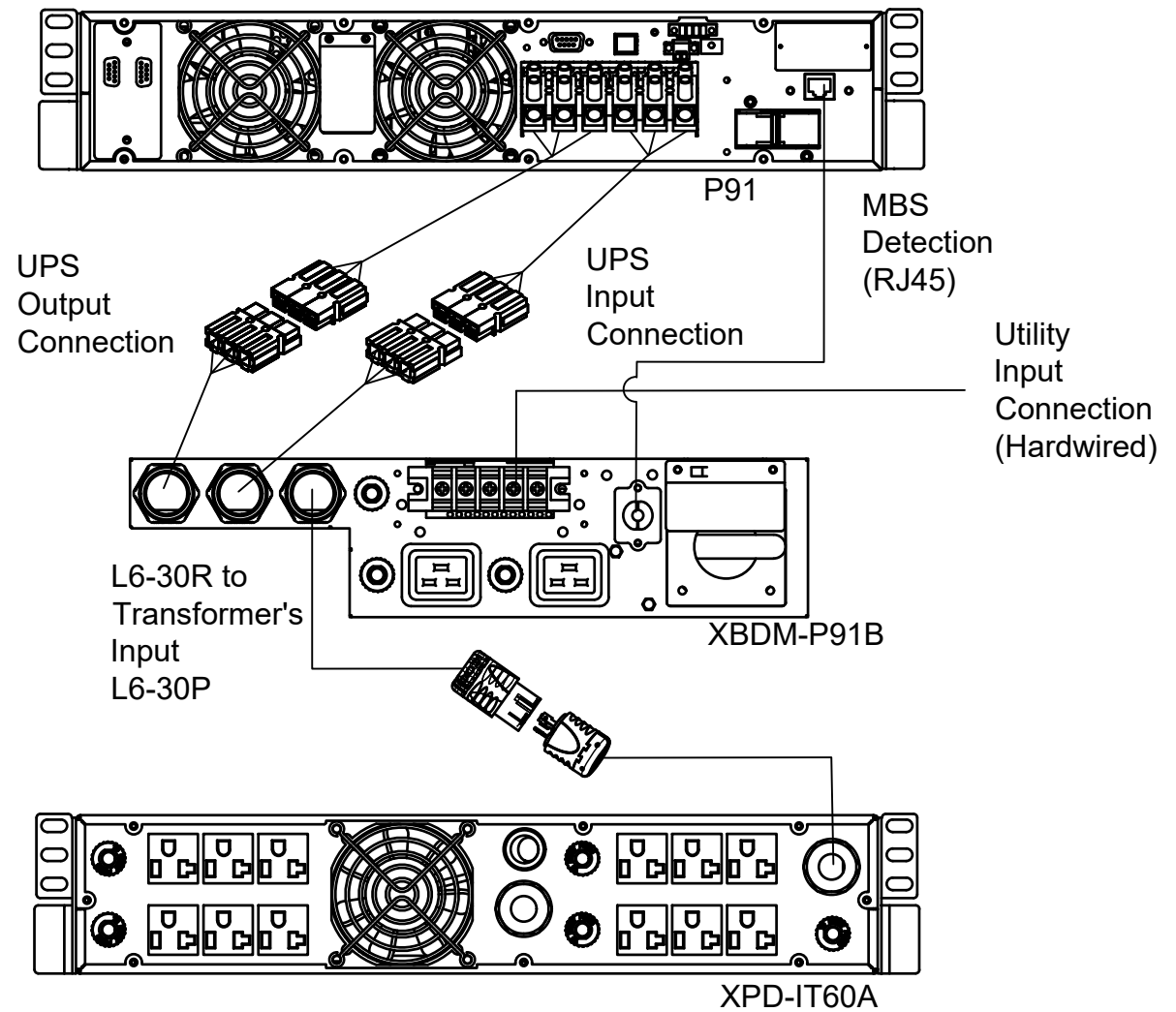
SCALE 1:4

WEIGHT

SHEET 1/1

Notes:

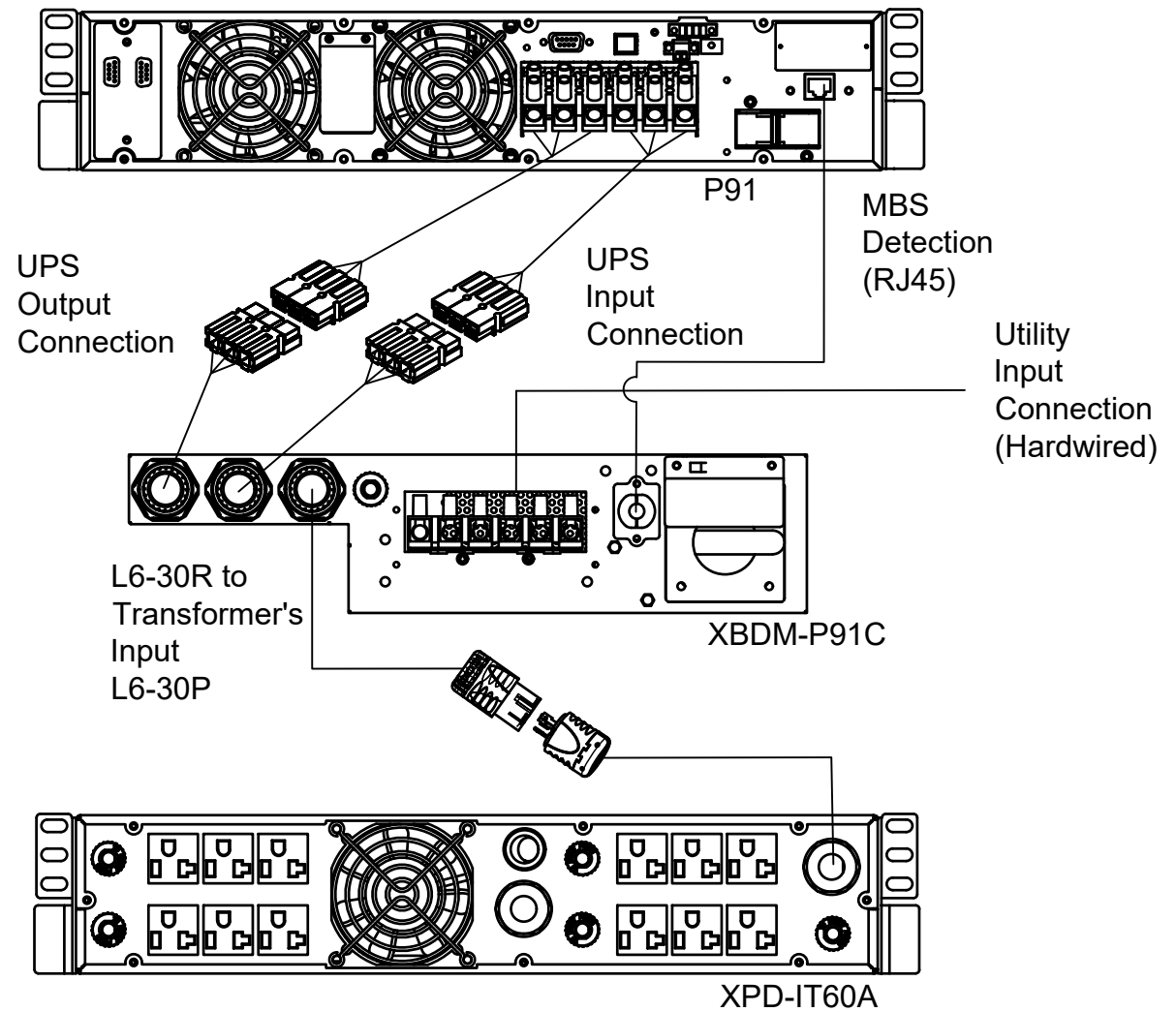
- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) Voltage selector switch on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.
- 4) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 5) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 6) Load connections can be made from either the bypass or transformer, depending on voltages needed.



		PROJECT		
		P91 with Accessories		
		TITLE		
		P91 with XBDM-P91B and XPD-IT60A		
APPROVED		SIZE	CODE	DWG NO
CHECKED		A		IC-P91-XBDMP91B-IT60A
DRAWN	9/30/2022	SCALE 1:4	WEIGHT	SHEET 1/1
				REV
				0

Notes:

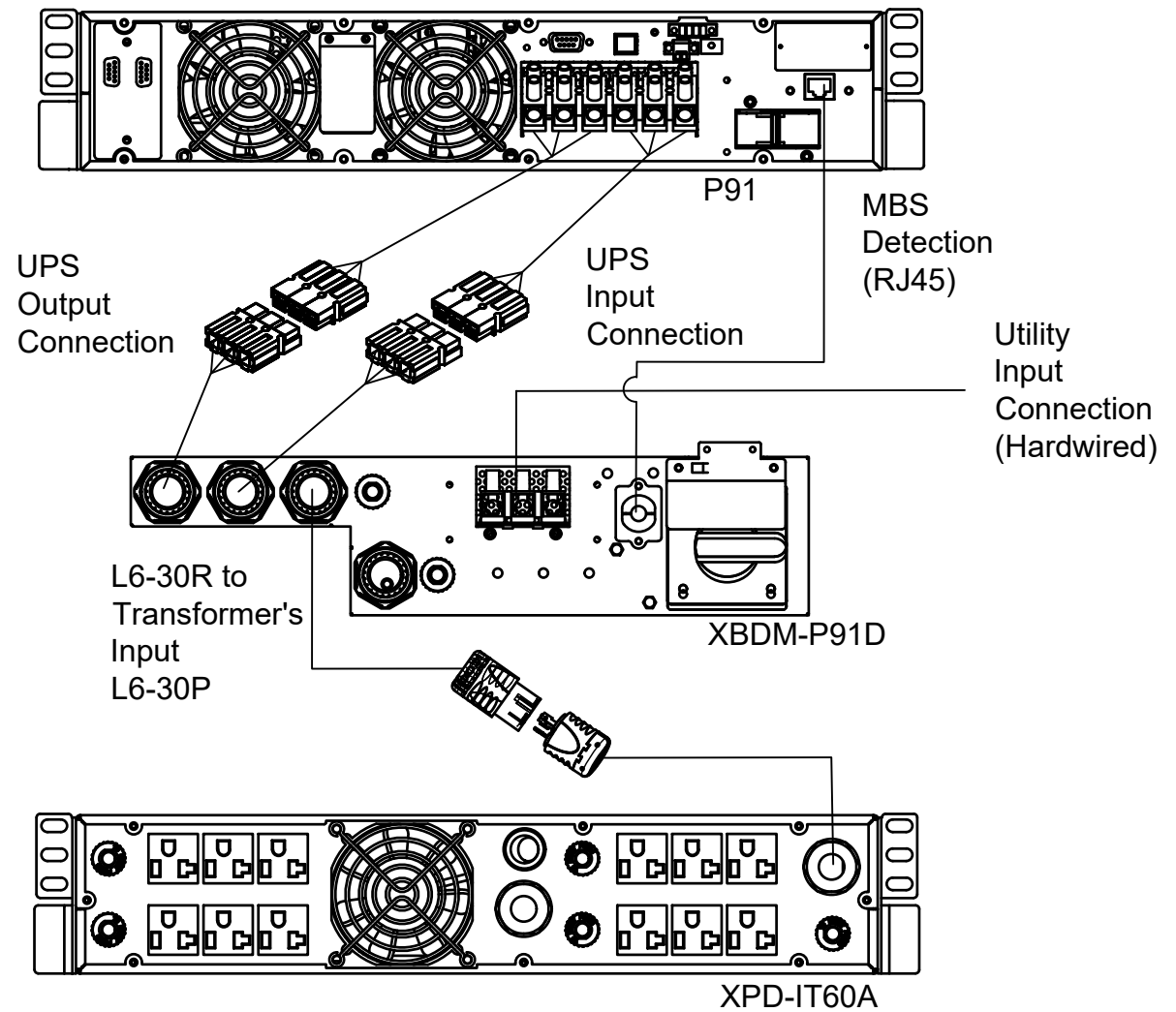
- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) Voltage selector switch on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.
- 4) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 5) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 6) Load connections can be made from either the bypass or transformer, depending on voltages needed.



	PROJECT P91 with Accessories			
	TITLE P91 with XBDM-P91C and XPD-IT60A			
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	A		IC-P91-XBDM-P91C-IT60A	0
DRAWN	9/30/2022	SCALE 1:4	WEIGHT	SHEET 1/1

Notes:

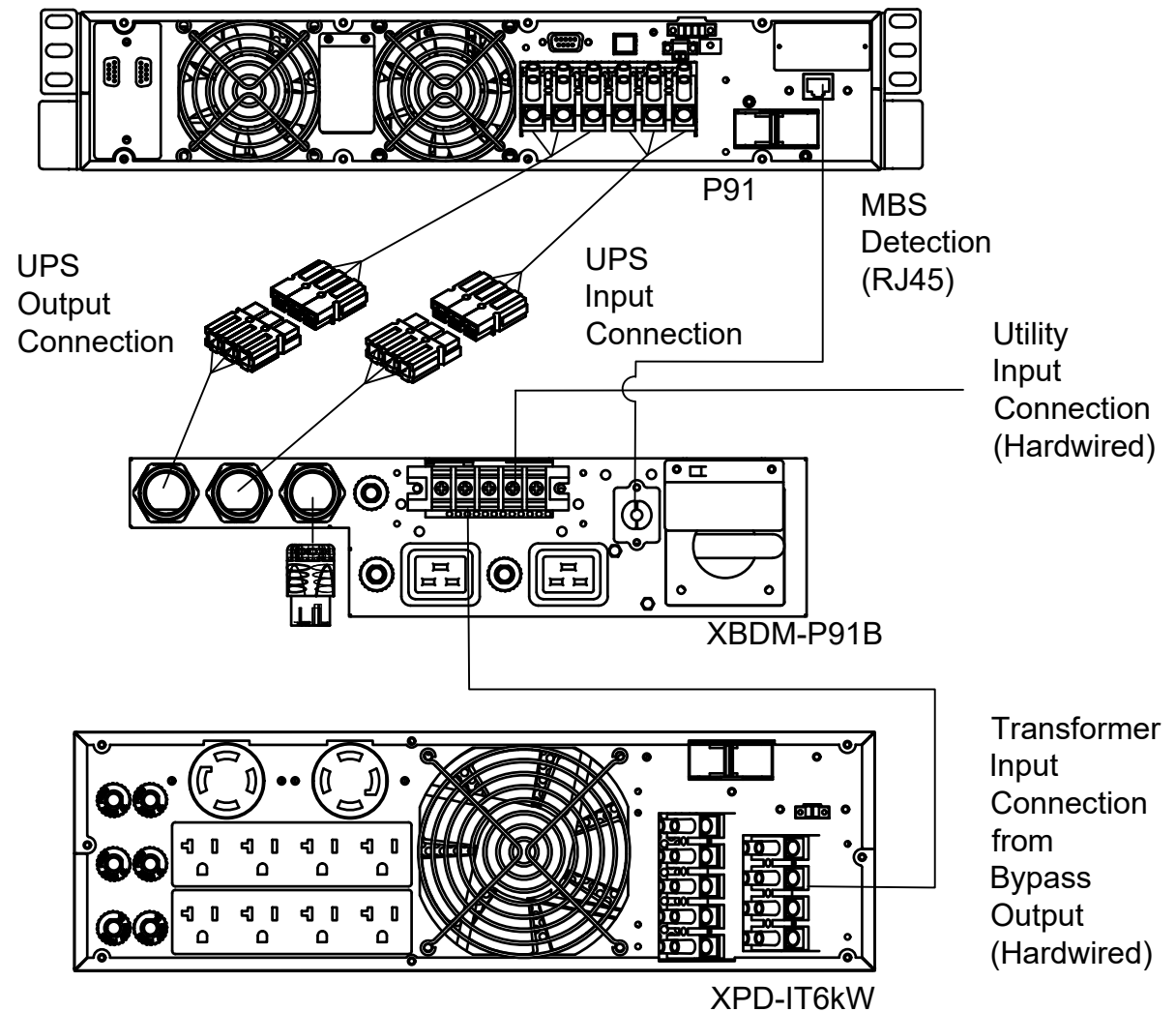
- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) Voltage selector switch on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.
- 4) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 5) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 6) Load connections can be made from either the bypass or transformer, depending on voltages needed.



	PROJECT P91 with Accessories			
	TITLE P91 with XBDM-P91D and XPD-IT60A			
APPROVED	SIZE	CODE	DWG NO	REV
CHECKED	A		IC-P91-XBDM-P91D-IT60A	0
DRAWN	9/30/2022	SCALE 1:4	WEIGHT	SHEET 1/1

Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 5) Load connections can be made from either the bypass or transformer, depending on voltages needed. Transformer has both receptacle and hardwire options.
- 6) Voltage selector jumper on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.



XTREME
Power Conversion®

PROJECT

P91 with Accessories

TITLE

P91 with XBDM-P91B and XPD-IT6kW

APPROVED

CHECKED

DRAWN

SIZE

A

CODE

DWG NO

IC-P91-XBDM-P91B-IT6kW

REV

0

9/30/2022

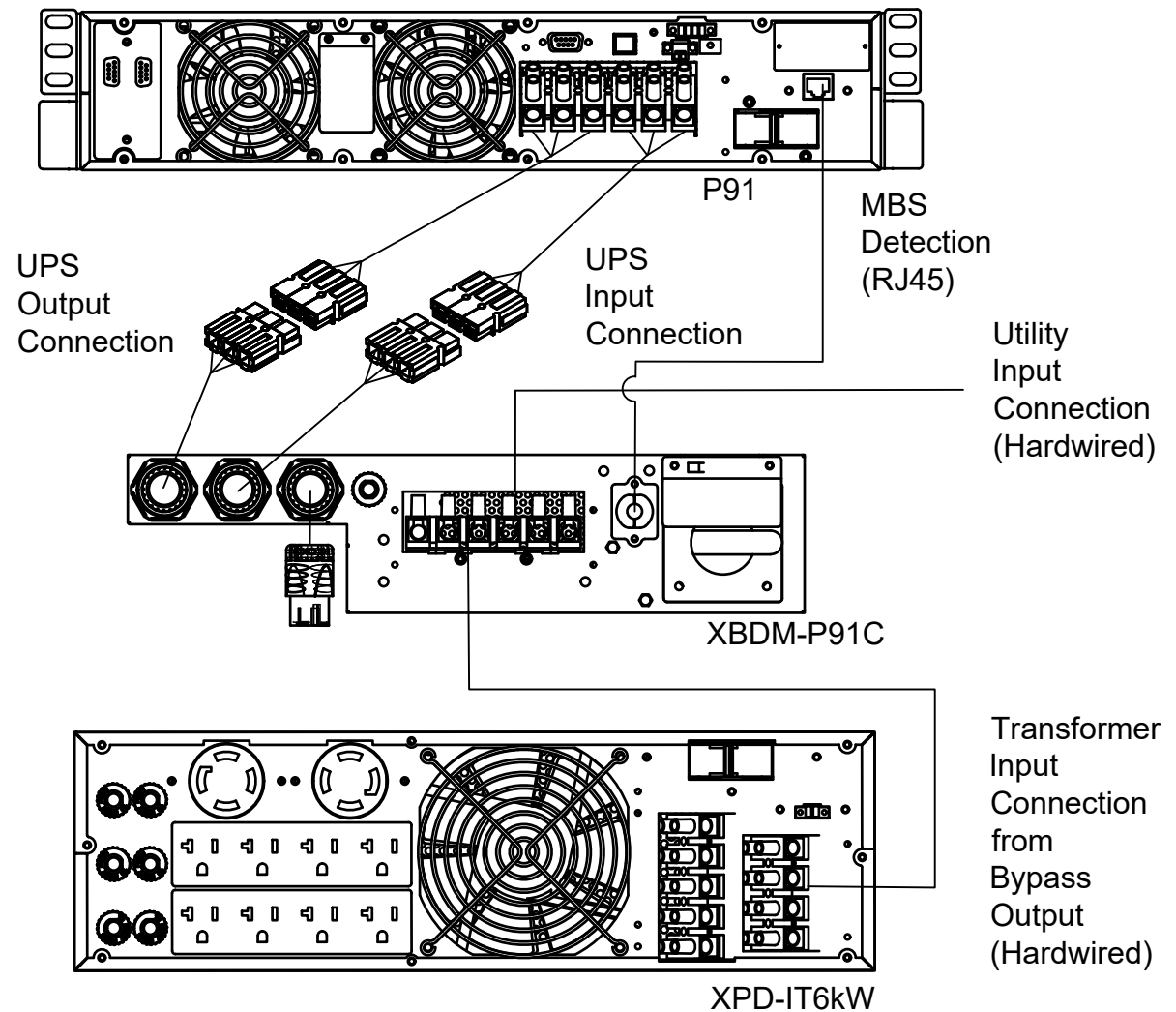
SCALE 1:4

WEIGHT

SHEET 1/1

Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 5) Load connections can be made from either the bypass or transformer, depending on voltages needed. Transformer has both receptacle and hardwire options.
- 6) Voltage selector jumper on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.



XTREME
Power Conversion®

PROJECT

P91 with Accessories

TITLE

P91 with XBDM-P91C and XPD-IT6kW

APPROVED

CHECKED

DRAWN

SIZE

A

CODE

DWG NO

IC-P91-XBDM-P91C-IT6kW

REV

0

9/30/2022

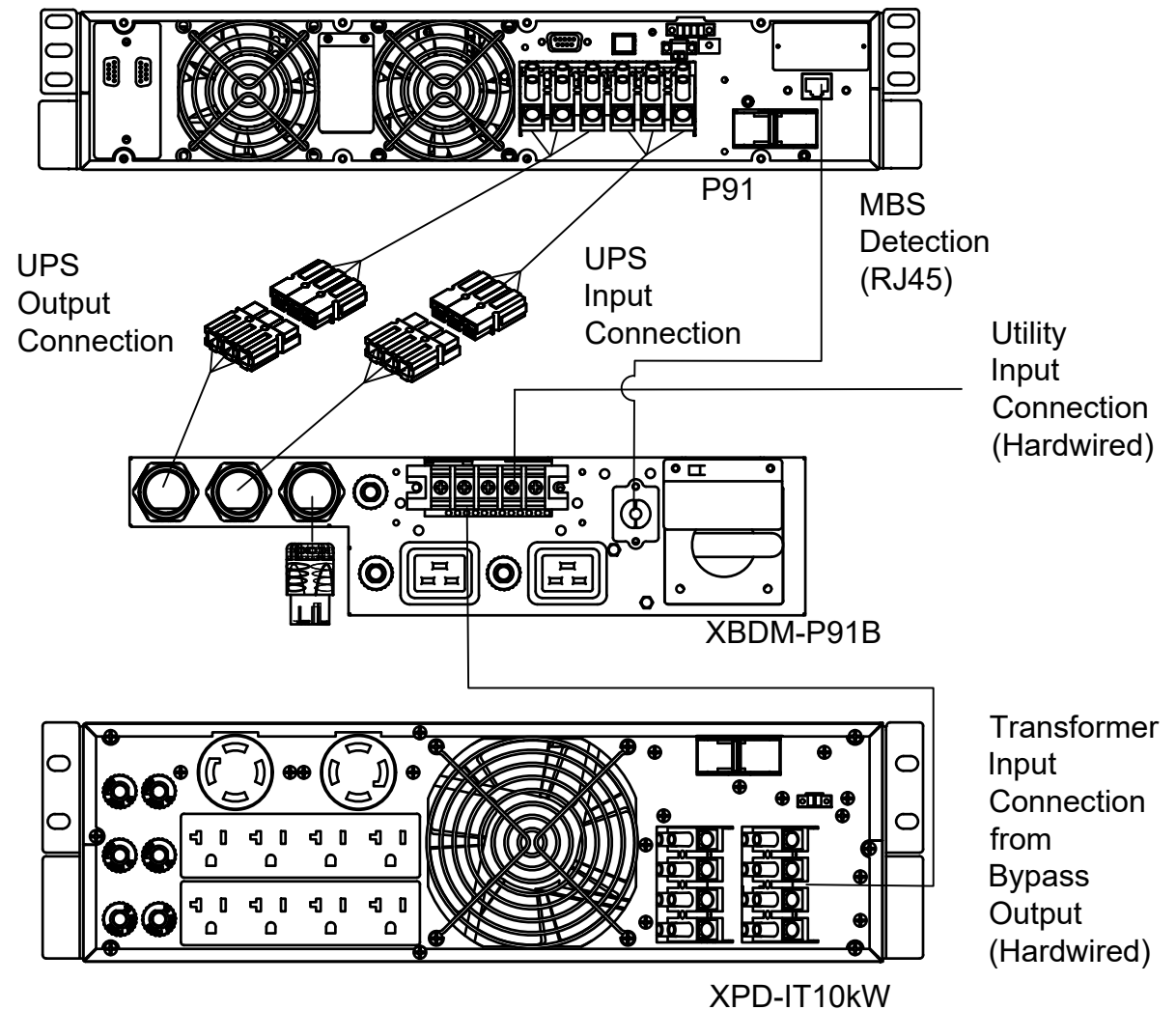
SCALE 1:4

WEIGHT

SHEET 1/1

Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 5) Load connections can be made from either the bypass or transformer, depending on voltages needed. Transformer has both receptacle and hardwire options.
- 6) Voltage selector jumper on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.



XTREME
Power Conversion®

PROJECT

P91 with Accessories

TITLE

P91 with XBDM-P91B and XPD-IT10kW

APPROVED

CHECKED

DRAWN

SIZE

A

CODE

DWG NO

IC-P91-XBDMP91B-IT10kW

REV

0

9/30/2022

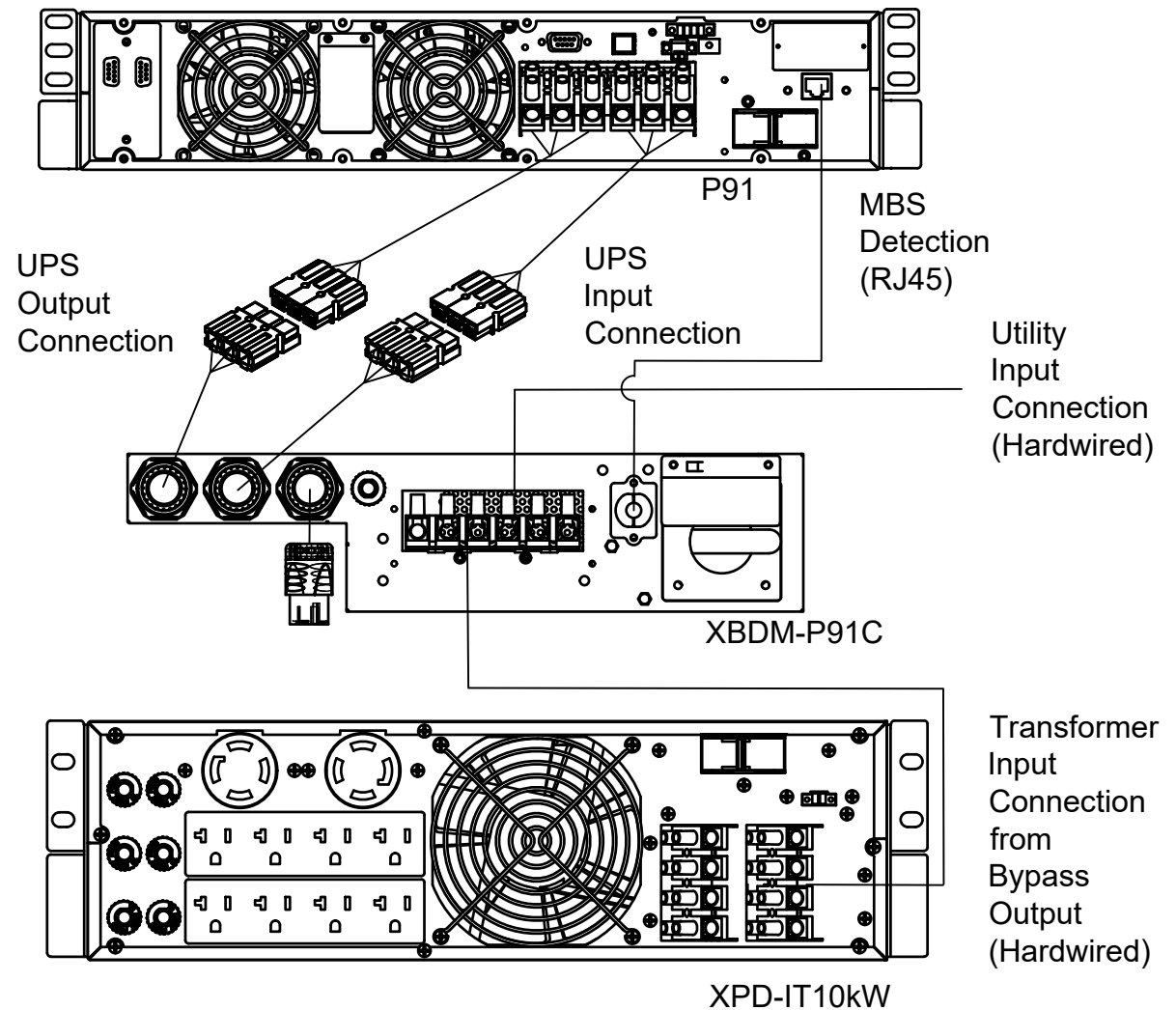
SCALE 1:4

WEIGHT

SHEET 1/1

Notes:

- 1) Input and output wiring between UPS and Bypass are supplied with bypass.
- 2) Red connector is for UPS input, black for UPS output. Note that for the black set of wiring that the red wire is L1 and black wire is L2(N). For red set the brown wire is L1 and blue wire is L2(N).
- 3) XBDM comes with brackets for installation to rack or to mount it to back of an external battery pack.
- 4) If external batteries are being used, it is recommended that they be installed below the transformer cabinet.
- 5) Load connections can be made from either the bypass or transformer, depending on voltages needed. Transformer has both receptacle and hardwire options.
- 6) Voltage selector jumper on back of transformer should match the voltage from utility, 208VAC or 240VAC. UPS should be set for the same voltage.



XTREME
Power Conversion®

PROJECT

P91 with Accessories

TITLE

P91 with XBDM-P91C and XPD-IT10kW

APPROVED

CHECKED

DRAWN

SIZE

A

CODE

DWG NO

IC-P91-XBDMP91C-IT10kW

REV

0

9/30/2022

SCALE 1:4

WEIGHT

SHEET 1/1