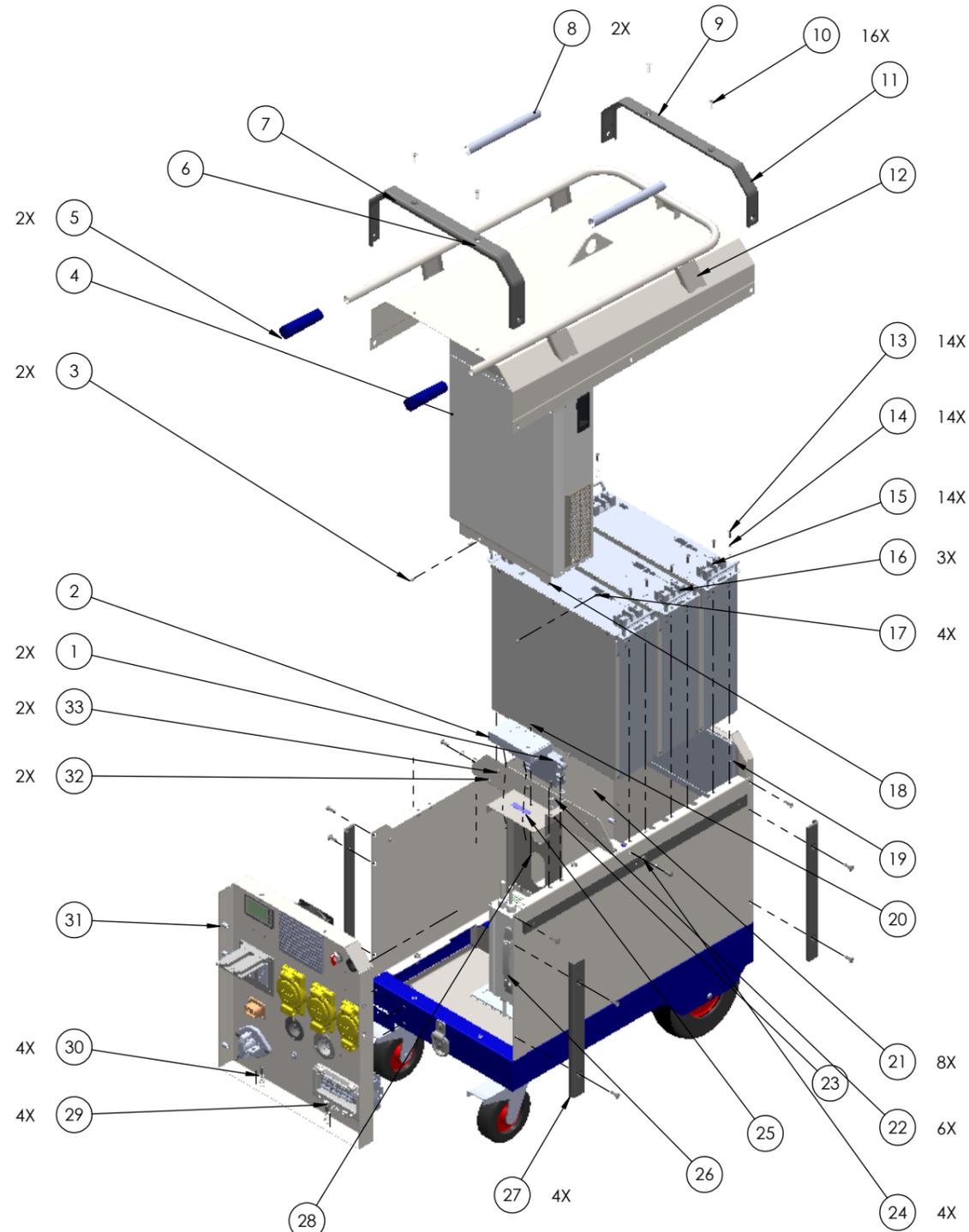


FOR WIRING INSTRUCTIONS, REFER TO : WI-PPB6US15K



**FOR CABLE SET WIRING ON TOP LEVEL
REFER TO CABLE SET PPB-US-00-01 IN
PPB USA - 200**

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500mm +: ± 1.0 mm
Angular: ± 1 deg.



DATE: 21/02/2024

SCALE: 1:15

A3

All Dimensions are in Millimetres
Break All Sharp Corners and
Remove Burrs & Swarf

25
Denotes Critical Dimension

PART NO. : PPB-6-15-US

PROJECT: PPB

MATERIAL: REFER TO PART

THICKNESS:

DESCRIPTION: PPB HARMONISED US SPEC

FINISH: REFER TO PART

DIAMETER:

MASS:

APPROVED BY:

REV:

A

DRAWN BY: AR

SHEET 1 OF 4

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MAK-UP-393	LITTLEFUSE FUSE HOLDER 02981028HXFC	2	27	PPB - 305	FRONT PANEL EDGE BUMPER RHS	4
2	MAK-UP-375	MPP REMOTE LCD SCREEN	1	28	MAKF-0067	M3 NYLOC NUT SS DIN-985	1
3	MAKF-0130	M5 X 12 BUTTON HEAD SS SOCKET ISO 7380	2	29	MAK-UP-512	M8X20 BUTTON HEAD SOCKET SCREW	4
4	MAK-UP-384	INFINISOLAR VII LV 6KW LVX6048	1	30	MAK-UP-516	M8 SPRING WASHER	4
5	MAK-UP-07	MAKINEX HANDLE	2	31	PPB USA - 200	ASSY ELECTRICAL PANEL -6-15	1
6	PPB - 302 - B	CONTROL PANEL EDGE BUMPER UPPER RH	1	32	MAKF-0079	M5 FLAT WASHER ZP DIN-433	2
7	PPB - 302 - A	CONTROL PANEL EDGE BUMPER UPPER LH	1	33	MAKF-200	M5 X 12 BUTTON HEAD SS SOCKET ISO 7380	2
8	MAK-UP-372	CLEAR PROTECTOR SLEEVE	2	34	MAK-UP-395	LITTLEFUSE 200A 70VDC 0998200,UX-2M8 (NOT IN CAD)	2
9	PPB - 303 - A	FRONT PANEL EDGE BUMPER TOP COVER RH	1	35	MAK-UP-396	CARTRIDGE FUSE 5X20MM - 6A 250VAC QUICKBLOW (NOT IN CAD)	1
10	MAK-UP-787	M8X25 CSK SCREW SS	16	36	MAK-UP-397	MINI BLADE FUSE - 2A 32V (NOT IN CAD)	1
11	PPB - 303 - B	FRONT PANEL EDGE BUMPER TOP COVER LH	1	37	MAK-UP-398	MINI BLADE FUSE - 5A 32V (NOT IN CAD)	1
12	PPB - 350	TOP PANEL WELDMENT	1	38	PPB-PVIN	PV INLET CHARGING CABLE SET 2M (NOT SHOWN IN CAD)	1
13	MAK-UP-611	M6X20 BUTTON HEAD	14	39	PPB COVER	PPB UNIVERSAL COVER (NOT SHOWN IN CAD)	1
14	MAK-UP-551	M6 FLAT WASHER (SMALL)	14				
15	MAK-UP-506	M6 SPRING WASHER	14				
16	MAK-UP-373	FNS BATTERY FCIFP48100A	3				
17	MAKF-0069	M5 NYLOC NUT SS DIN-985	4				
18	PPB -127	BOTTOM INVERTER BRACKET USA	1				
19	PPB - 100	PPB AU HARMONISED FRAME ASSEMBLY	1				
20	MAKF-0197	M3 X 10 CHEESE HEAD SS DIN-84	1				
21	MAKF-0070	M6 NYLOC NUT SS DIN-985	8				
22	MAKF-0116	M6 X 12 BUTTON HEAD SS SOCKET ISO 7380	6				
23	PPB - 137	ASSY LCD SCREEN MOUNTING USA	1				
24	MAK-UP-535	M8 FLAT WASHER (MEDIUM)	4				
25	MAK-UP-379	60MM DOUBLE SIDED TAPE ADHESIVE STRIP	1				
26	MAK-UP-385	C2500 LFP CHARGER	1				

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500mm +: ± 1.0 mm
Angular: ± 1 deg.



DATE: 21/02/2024

SCALE: 1:15

A3

All Dimensions are in Millimetres
Break All Sharp Corners and
Remove Burrs & Swarf

25
Denotes Critical Dimension

PART NO. : PPB-6-15-US

PROJECT: PPB

MATERIAL: REFER TO PART

THICKNESS:

DESCRIPTION: PPB HARMONISED US SPEC

FINISH: REFER TO PART

DIAMETER:

DRAWN BY: AR

REV:

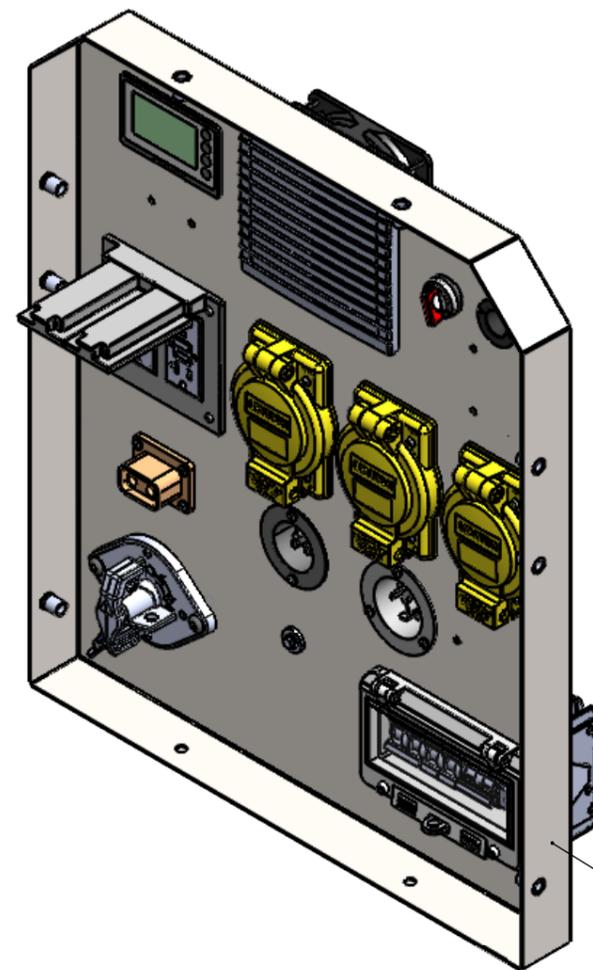
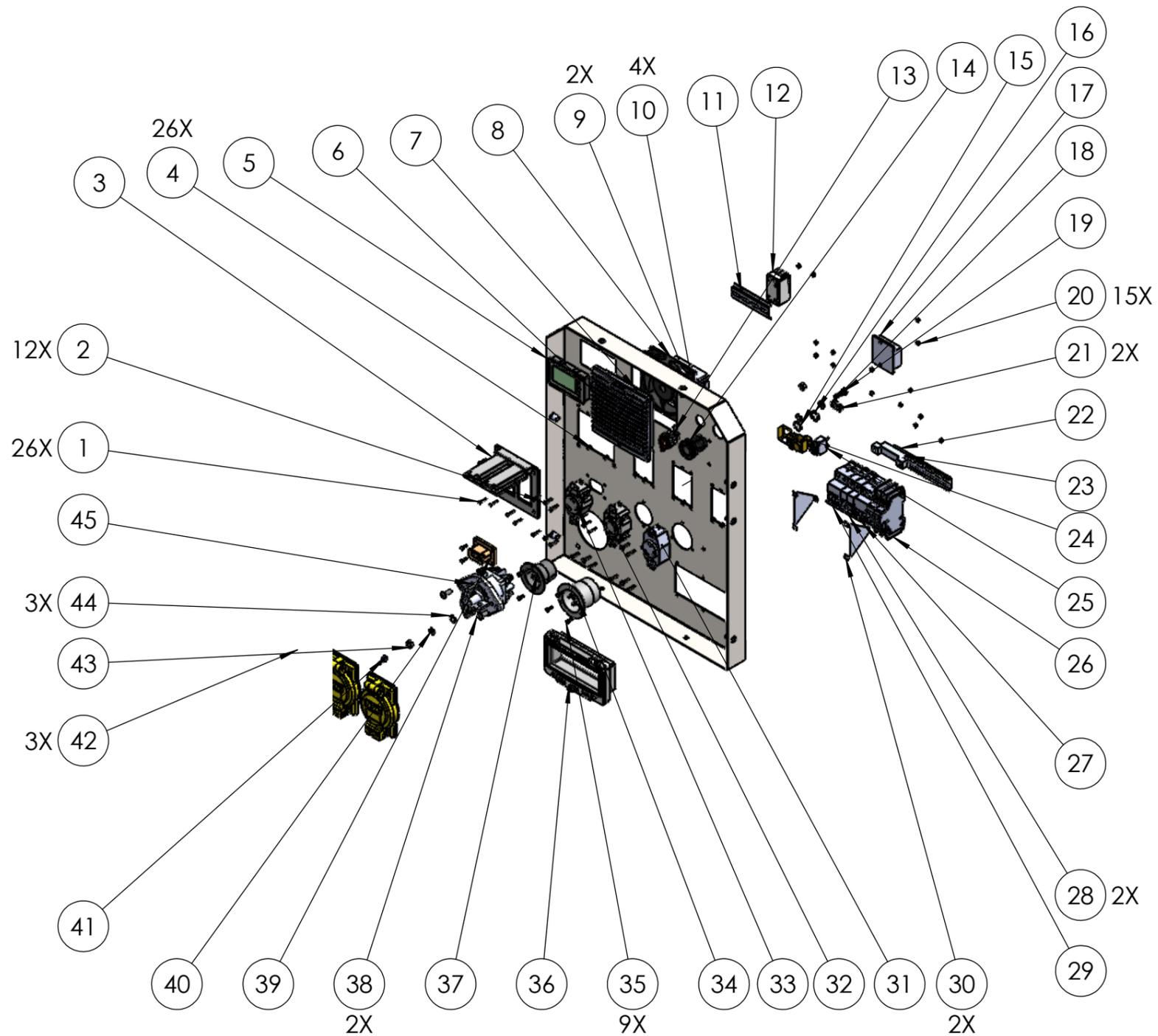
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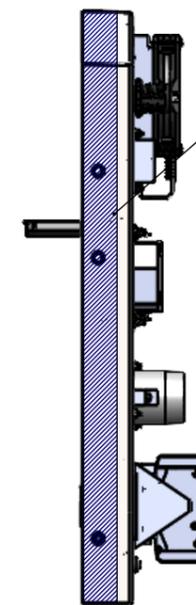
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SHEET 2 OF 4

PRINTED: 21/02/2024



APPLY MAK-UP-401
ALL ROUND THE SHEETMETAL



FOR WIRING INSTRUCTIONS, REFER TO : WI-PPB6US10K or WI-PPB6US15K

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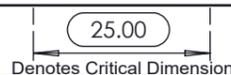
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100mm - 500mm: ± 0.5 mm
500mm +: ± 1.0 mm
Angular: ± 1 deg.



DATE: 21/02/2024

SCALE: 1:10 A3

All Dimensions are in Millimetres
Break All Sharp Corners and
Remove Burrs & Swarf



PART NO. : PPB USA - 200

PROJECT: PPB USA

MATERIAL: REFER TO PART

THICKNESS:

DESCRIPTION: ASSY ELECTRICAL PANEL -6-15

FINISH: REFER TO PART

DIAMETER:

MASS:

APPROVED BY:

REV:

A

SHEET 1 OF 2

PRINTED: 21/02/2024

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MAKF-0213	US SPEC - 6-32 3/4" UNC SS BUTTON HEX	26	27	MAK-UP-355	MCB 2P C20A	1
2	MAKF-0212	US SPEC - 0.195" FLAT WASHER SS	12	28	MAK-UP-354	MCB 1P C20A	2
3	MAK-UP-388	WEATHERPROOF VERTICAL DUAL GFCI OUTLET COVER 2 GANG	1	29	MAK-UP-353	MCB 2P C32A	1
4	MAKF-0210	US SPEC - 6-32 SS NYLOC	26	30	-	DIN RAIL TRIANGLE BRACKET (PART OF PPB USA -214)	2
5	PPB - 213	RENOGY BATTERY MONITOR	1	31	PPB USA - 207	RECEPTACLE OUTLET 3 PIN 250V 30A L6-30R	1
6	PPB USA - 202	ASSY I/O PANEL	1	32	PPB USA - 209	RECEPTACLE OUTLET 4 PIN 250V 30A L14-30R	1
7	MAK-UP-362	FAN FILTER ENCLOSURE	1	33	PPB USA - 210	RECEPTACLE OUTLET 3 PIN 125V 30A L5-30R	1
8	MAK-UP-368	AXIAL FAN 12V 120MM 190CFM 120 X 120 X 38MM	1	34	MAK-UP-387	THREE BLADE PANEL MOUNT RECEPTACLE WITH COVER L6-20 20A 250VAC	1
9	MAK-UP-335	US SPEC - GFCI RECEPTACLE 20A 125V AC NEMA 5-20 FEMALE	2	35	MAKF-0016	M4 X 12 PAN HEAD SS PHILIPS DIN-7985	9
10	MAKF-0020	M4 X 50 PAN HEAD SS PHILIPS DIN-7985	4	36	PPB USA - 214	8MOD BREAKER WINDOW	1
11	MAK-UP-371	DIN RAIL 100MM	1	37	MAK-UP-389	THREE PIN PANEL MOUNT RECEPTACLE WITH COVER 5-15P 15A 125VAC	1
12	MAK-UP-370	THERMOSTAT 30W 12VDC 0-60C	1	38	MAK-UP-512	M8X20 BUTTON HEAD SOCKET SCREW	2
13	MAK-UP-386	Rotary Switch, 2 Position, 3 Pole, 3 x NO, 90°, 10 A, 120 V, YW IDEC YW1S-2E30	1	39	MAK-UP-367	TOUCH SAFE PV INPUT/OUTPUT 4MM	1
14	MAK-UP-365	28MM 12V USB A AND C SOCKET	1	40	MAK-UP-516	M8 SPRING WASHER	1
15	MAKF-0181	M12 FLAT WASHER SS DIN-433	1	41	MAKF-0201	M8 WING NUT SS	1
16	MAKF-0105	M12 SPRING WASHER SS DIN-127B	1	42	MAK-UP-351	WEATHERPROOF COVER 30A TWIST LOCK RECEPTACLES YELLOW	3
17	MAK-UP-366	DC-DC CONVERTER 120W 48V-12V	1	43	MAKF-0061	M8 HEX NUT ZP DIN-934	1
18	MAKF-0214	M12 HEX NUT 6MM EXTRA THIN SS	1	44	MAK-UP-535	M8 FLAT WASHER (MEDIUM)	3
19	MAKF-0202	M8 X 25 BUTTON HEAD SS SOCKET ISO 7380	1	45	MAK-UP-363	DC BATTERY ISOLATOR	1
20	MAKF-0068	M4 NYLOC NUT SS DIN-985	15	46	PPB6-US-00-01	PPB US SPEC CABLE SET (NOT SHOWN IN CAD)	1
21	MAK-UP-511	M8 NYLOC NUT	2	47	MAK-UP-401	GASKET - FOAM CLOSED CELL 19 X 1.6 X 2100mm (NOT SHOWN IN CAD)	1
22	MAK-UP-371	DIN RAIL (PART OF PPB USA -214)	1				
23	MAK-UP-369	EARTH BLOCK	1				
24	PPB USA - 005	RENOGY SHUNT	1				
25	MAK-UP-383	THERMAL CIRCUIT BREAKER RESETTABLE 20A	1				
26	MAK-UP-356	DC CIRCUIT BREAKER 2P C20A	1				

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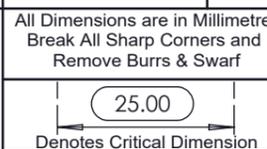
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 Angular: ± 1 deg.



DATE: 21/02/2024

SCALE: 1:10 A3



PART NO. : PPB USA - 200

PROJECT: PPB USA

MATERIAL: REFER TO PART

THICKNESS:

DESCRIPTION: ASSY ELECTRICAL PANEL -6-15

FINISH: REFER TO PART

DIAMETER:

MASS:

DRAWN BY: AR APPROVED BY:

REV:

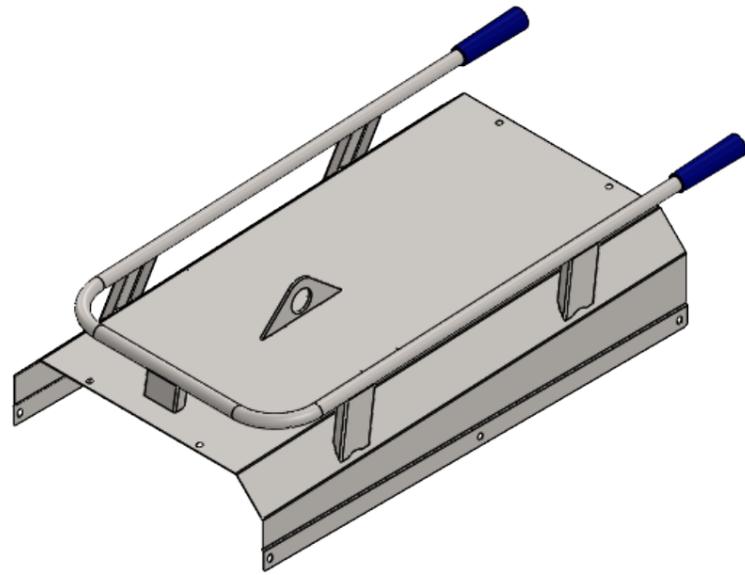
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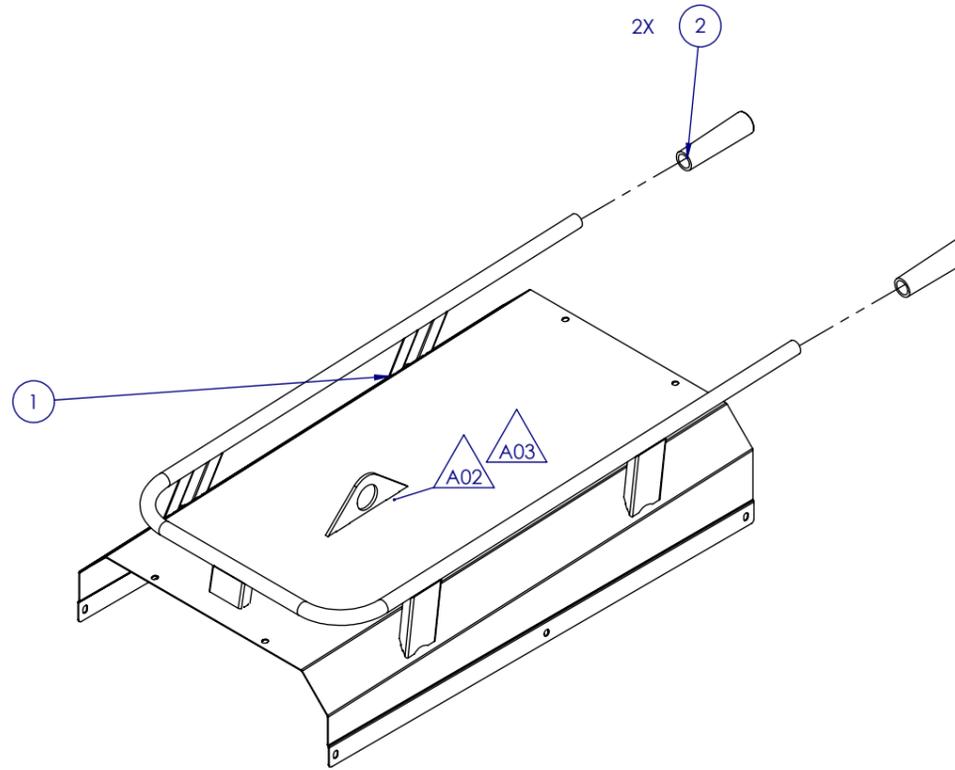
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ITEM NO.	PART NUMBER	QTY.
1	PPB - 350 [TOP PANEL WELDMENT]	1
2	MAK-UP-07 [MAKINEX HANDLE]_EU	2



ISOMETRIC VIEW



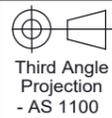
EXPLODED VIEW



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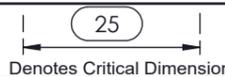
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 500mm +: ± 1.0 mm
 Angular: ± 1 deg.



DATE: 14/02/2024

SCALE: 1:10 **A3**

All Dimensions are in Millimetres
 Break All Sharp Corners and
 Remove Burrs & Swarf



PROJECT: PPB HARMONISED

DWG NO.	TITLE	MATERIAL	REV: A	FINISH
PPB - 300	TOP PANEL ASSEMBLY	ZINC SEAL	DRN: AR	PC

NOTES: GENERAL DETAIL