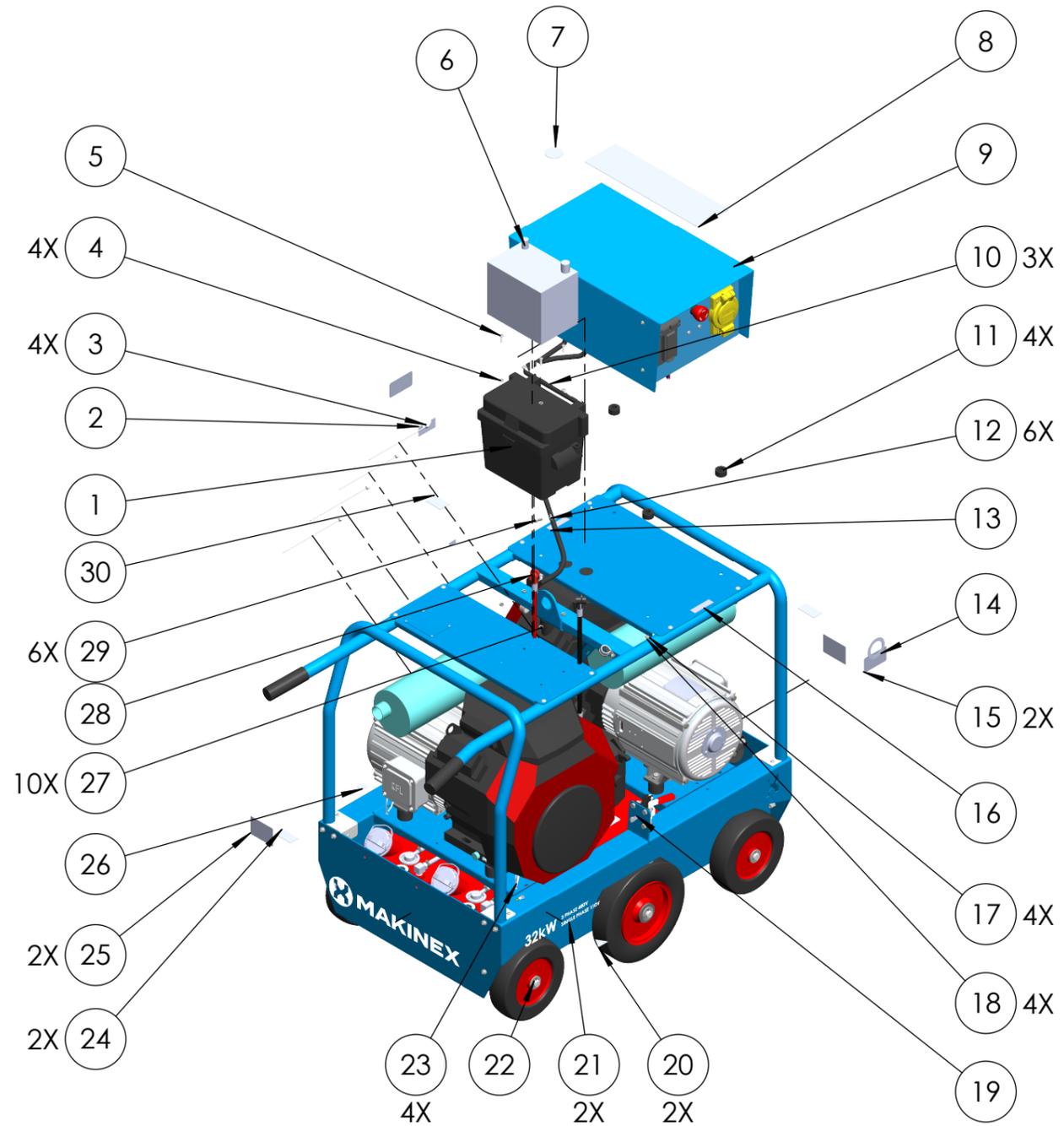


ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MAK-UP-259	U1 BATTERY BOX	1
2	MAK-UP-320	DECAL SWITCH PARALLEL ISOLATOR	1
3	MAK-UP-314	CABLE TIE 4.5 X 200	4
4	MAKF-0080	M6 FLAT WASHER ZP DIN-433	4
5	MAKF-0118	M6 X 20 BUTTON HEAD SS SOCKET ISO 7380	4
6	SSU1R	SSU1R BATTERY 12V380CCA	1
7	MAK-UP-316	Lifting Point SWL 380KG 838LB	1
8	MAK-UP-390	GEN-32P-US-V2 MAIN DECAL	1
9	GEN-32P-10-00	US SPEC- ASSEMBLY PARALLEL BOX	1
10	MAK-UP-272	DECAL MAKINEX LOGO 463 X 84	3
11	MAK-UP-321	ENGINE MOUNT 30 X 15 THRU HOLE	4
12	MAKF-0171	M6 LARGE WASHER ZP DIN-6340	6
13	MAK-UP-391	DECAL GEN 1 OUTPUT	1
14	MKA-UP-322	DECAL EMERGENCY STOP	1
15	MAK-UP-346	DECAL WARNING 480V OUTLET LABEL	2
16	MAK-UP-392	DECAL GEN 2 OUTPUT	1
17	MAKF-0081	M8 FLAT WASHER ZP DIN-433	4
18	MAKF-0043	M8 X 50 HEX HEAD SS DIN-933	4
19	MAK-UP-319	DECAL GEN 2	1
20	MAK-UP-93	GROUND EARTH	2
21	MAK-UP-347	DECAL 32KW	2
22	GEN-32P-00-US	FRAME ASSEMBLY WITH ENGINE US	1
23	MAK-UP-289	CABLE TIE PUSH IN 170 X 4.8	4
24	MAK-UP-343	DANGER 480V	2
25	MAK-UP-91	HIGH VOLTAGE, AUTH PERSON ONLY 55X80	2
26	MAK-UP-194	REFUELING UNLEADED ONLY	2
27	MAKF-0070	M6 NYLOC NUT SS DIN-985	10
28	GEN-32P-06-02	ASSY BATTERY CABLE SET	1
29	MAKF-0170	M6 X 16 HEX HEAD SS DIN-933	6
30	MAK-UP-344	DECAL MAKINEX SERVICE STICKER US	1
31	MAK-UP-318	DECAL GEN 1	1
32	MAK-UP-424	MULTICOMP MCT002141S. WIRE CONNECTOR, 19-17AWG, T TYPE, CHARCOAL (NOT IN CAD)	2



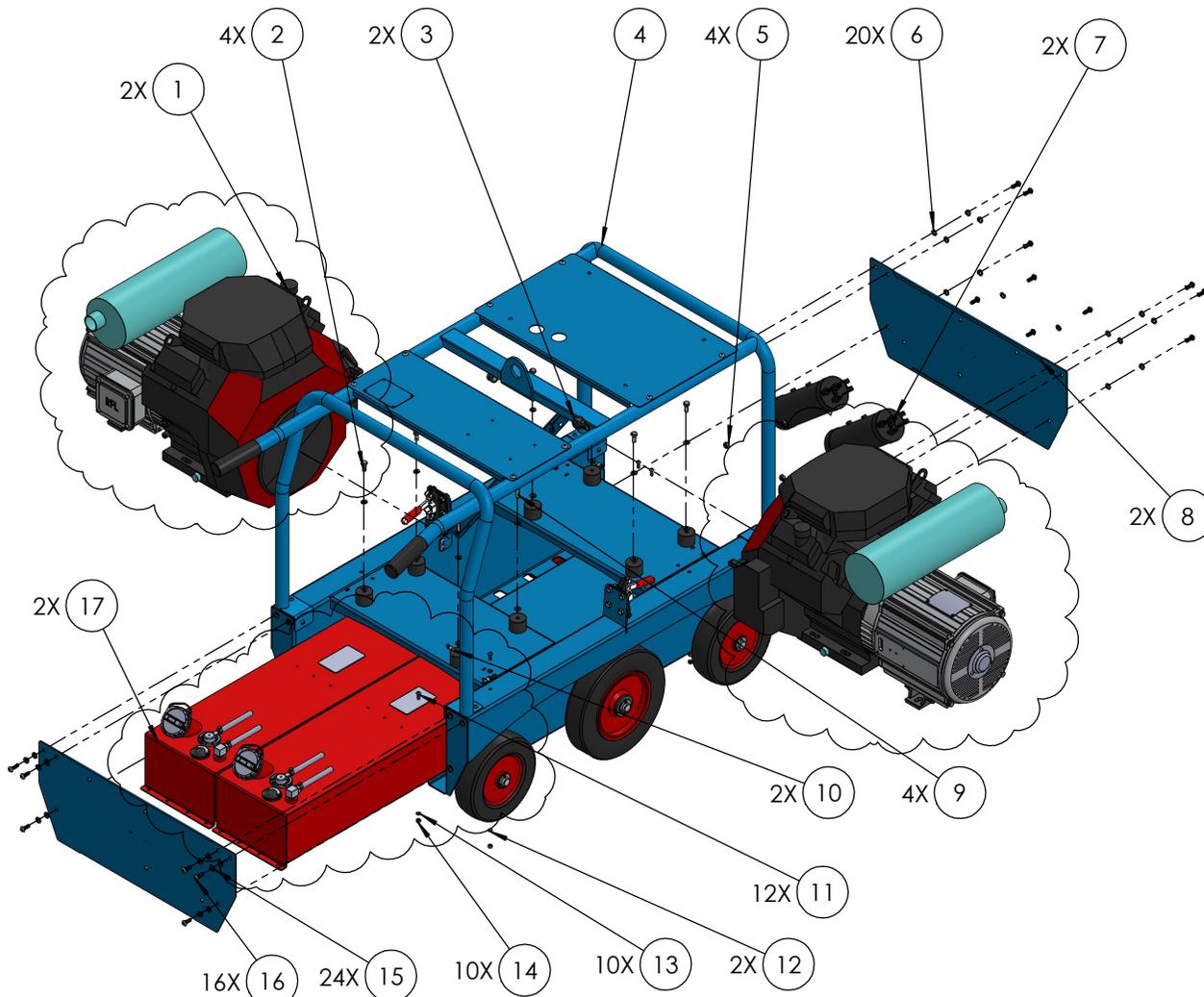
**APPLY THREAD  
LOCKER LOCTITE 243  
TO ITEM (18)**

**ITEMS 32-37  
REFER TO WD-32PUS**

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	GENERAL TOLERANCES (Unless otherwise noted) 0-100mm: ± 0.25 mm 100mm - 500mm: ± 0.5 mm 500mm +: ± 1.0 mm Angular: ± 1 deg.	All Dimensions are in Millimetres Break All Sharp Corners and Remove Burrs & Swarf	SCALE: 1:15	PROJECT: GEN-32P	MATERIAL: REFER TO PART	
Sydney (Head Office) Ph: 1300 795 953 15 Waltham St Fax: (02) 9439 9815 Artarmon, 2064 www.makinex.com.au NSW, Australia sales@makinex.com.au	 Third Angle Projection - AS 1100	 Denotes Critical Dimension	THICKNESS:	DIAMETER:	DRAWN BY: AL	APPROVED BY:
						SHEET 1 OF 8

PRINTED: 23/06/2025



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	GEN-32P-05-00-US	ENGINE + ALTERNATOR ASSEMBLY	2
2	MAKF-0030	M8 X 20 HEX HEAD SS DIN-933	4
3	MAK-UP-308	3/4" CABLE P-CLIP	2
4	GEN-32P-01-00-US	FRAME ASSEMBLY	1
5	MAKF-0071	M8 NYLOC NUT SS DIN-985	4
6	MAKF-0081	M8 FLAT WASHER ZP DIN-433	20
7	MAK-UP-342	ECI FUEL SYSTEM ROUND CARBON CANISTER 1.2L	2
8	GEN-32P-01-29	END PANEL	2
9	MAKF-0041	M8 X 35 HEX HEAD SS DIN-933	4
10	MAK-UP-275	EARTH CABLE 6mm x 250mm	2
11	MAKF-0117	M6 X 16 BUTTON HEAD SS SOCKET ISO 7380	12
12	MAKF-0139	M6 EXTERNAL TOOTH WASHER ZP DIN-6797	2
13	MAKF-0080	M6 FLAT WASHER ZP DIN-433	10
14	MAKF-0070	M6 NYLOC NUT SS DIN-985	10
15	MAKF-0092	M8 SPRING WASHER ZP DIN-127B	24
16	MAKF-0129	M8 X 20 BUTTON HEAD SS SOCKET ISO 7380	16
17	GEN-32P-08-00	6.5GAL FUEL TANK ASSEMBLY	2



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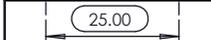
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 100mm - 500mm: ± 0.5 mm  
 500mm +: ± 1.0 mm  
 Angular: ± 1 deg.

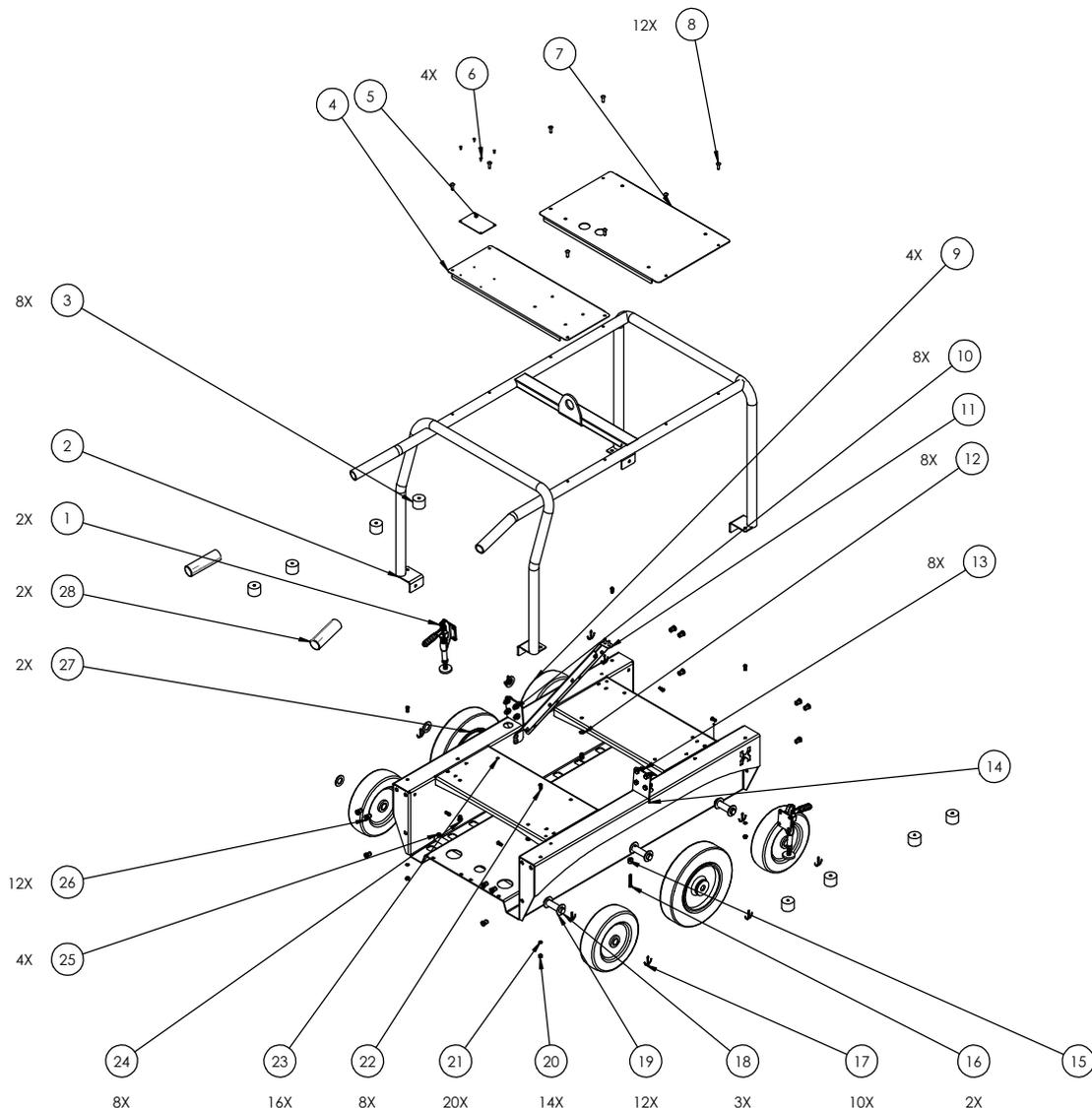


All Dimensions are in Millimetres  
 Break All Sharp Corners and  
 Remove Burrs & Swarf



DATE: 30/01/2024	PART NO. : GEN-32P-00-US	DESCRIPTION: FRAME ASSEMBLY WITH ENGINE US	REV: A
SCALE: 1:12	A3	PROJECT: GEN-32P-V2 - 32KVA GENERATOR	
MATERIAL: SEE PARTS	FINISH: SEE PARTS	MASS:	
THICKNESS:	DIAMETER:	DRAWN BY: AL	APPROVED BY:
			SHEET 1 OF 2

PRINT MAY BE REDUCED - DO NOT SCALE.



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MAK-UP-132	TOGGLE BRAKE ASSY	2
2	GEN-32P-03W-US	TUBE FRAME WELDMENT	1
3	MAK-UP-25	ENGINE MOUNT (40MM x 30MM 50 SHORE A)	8
4	GEN-32P-01-36	TOP SHEET	1
5	MAK-UP-341	GEN-32KW ASSET PLATE - US SPEC	1
6	MAKF-0128	BLIND RIVET DIA 3 SS R3-5 DIN-7337	4
7	GEN-32P-01-30	TOP SHEET	1
8	MAKF-0124	BLIND RIVET 6.4 SS R2-15.9 DIN-7337	12
9	MAK-UP-192	RED HUB 220 MM WHEEL	4
10	MAKF-0039	M8 X 25 HEX HEAD SS DIN-933	8
11	GEN-32P-01-40	CABLE MOUNT BRACKET	1
12	MAKF-0103	M8 SPRING WASHER SS DIN-127B	8
13	MAKF-0071	M8 NYLOC NUT SS DIN-985	8
14	GEN-32P-02W	BASE WELDMENT	1
15	GEN-32P-01-37	AXLE SPACER	2
16	MAKF-0123	M6 X 45 BUTTON HEAD SS SOCKET ISO 7380	2
17	MAK-UP-566	3 MM SPLIT PIN	10
18	GEN-32P-01-31	WHEEL AXLE	3
19	MAKF-0126	M20 FLAT WASHER NYLON DIN-125	12
20	MAKF-0070	M6 NYLOC NUT SS DIN-985	14
21	MAKF-0080	M6 FLAT WASHER ZP DIN-433	20
22	MAKF-0117	M6 X 16 BUTTON HEAD SS SOCKET ISO 7380	8
23	MAKF-0081	M8 FLAT WASHER ZP DIN-433	16
24	MAKF-0112	M8 X 12 HEX HEAD SS DIN-933	8
25	MAKF-0121	M6 X 35 BUTTON HEAD SS SOCKET ISO 7380	4
26	MAKF-0127	M8 RIVNUT SS R0.8-4	12
27	MAK-UP-254	280mm x 70mm Black Rubber Wheel	2
28	MAK-UP-205	BLACK MATTE HONEYCOMB GRIP 29.97 x 115.57 MM	2



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



DATE: 05/02/2024

PROJECT: GEN-32P-V2 - 32KVA GENERATOR

SCALE: 1:20 A3

DWG NO.

TITLE

MATERIAL

REV: B

FINISH

GEN-32P-01-00-US

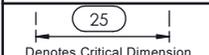
FRAME ASSEMBLY

MS 250

DRN: AL

REFER TO PART

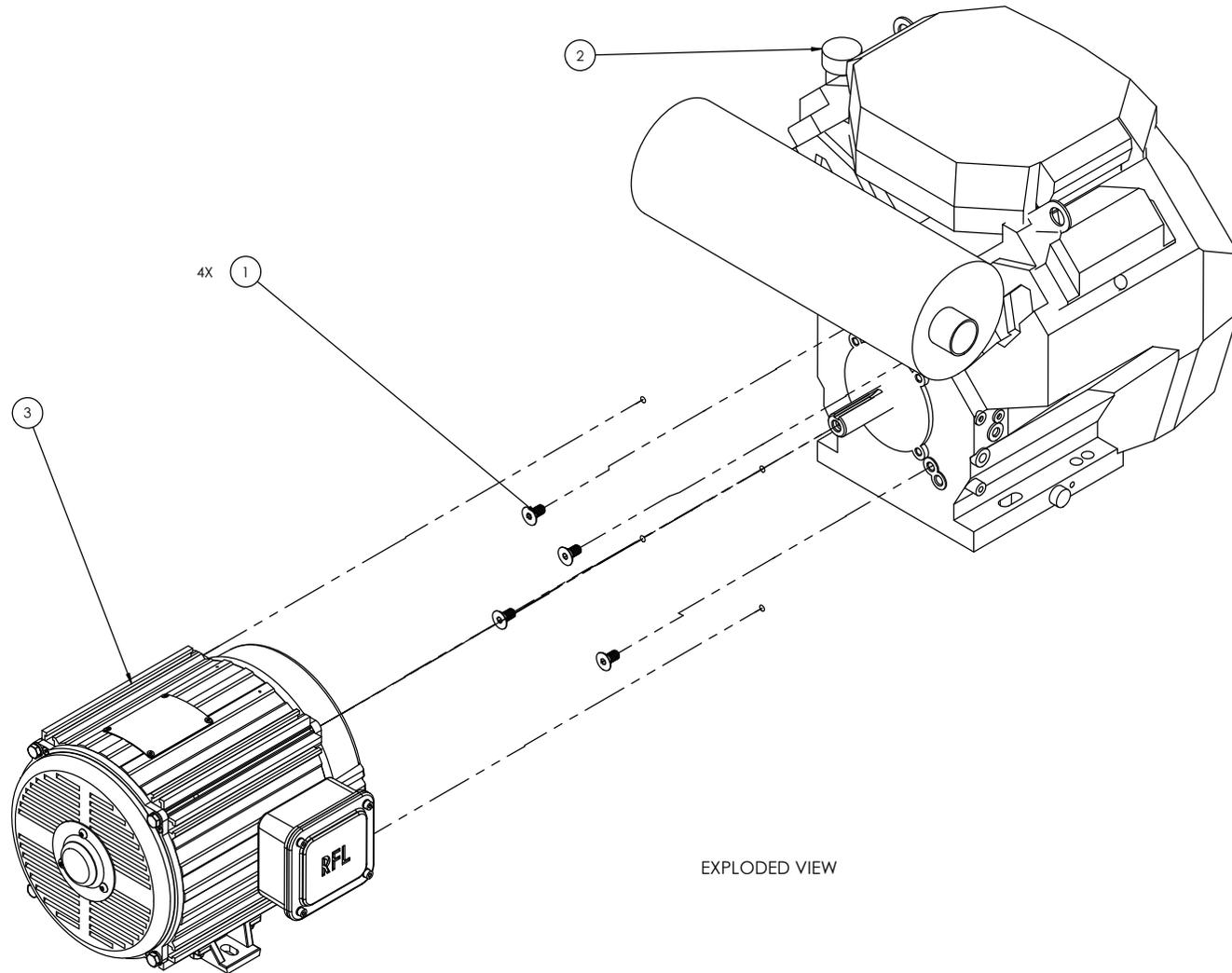
NOTES: EXPLODED VIEW & BOM



SHEET 1 OF 2

PRINT MAY BE REDUCED - DO NOT SCALE.

ITEM NO.	PART NUMBER	DESCRIPTION	QTY
1	MAK-UP-525	3/8" X 3/4" UNC CSK SOCKET SCREW	4
2	GEN-20P-04-00	GX690 ENGINE WITH MUFFLER	1
3	RF2-17.5-6	ALTERNATOR 16KW 480V 60HZ	1



EXPLODED VIEW



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



DATE: 06/12/2023

PROJECT: GEN-32P-V2 - 32KVA GENERATOR

SCALE: 1:5 A3

DWG NO.

TITLE

MATERIAL

REV: A

FINISH

GEN-32P-05-00-US

ENGINE + ALTERNATOR ASSEMBLY

REFER TO PART

DRN: AL

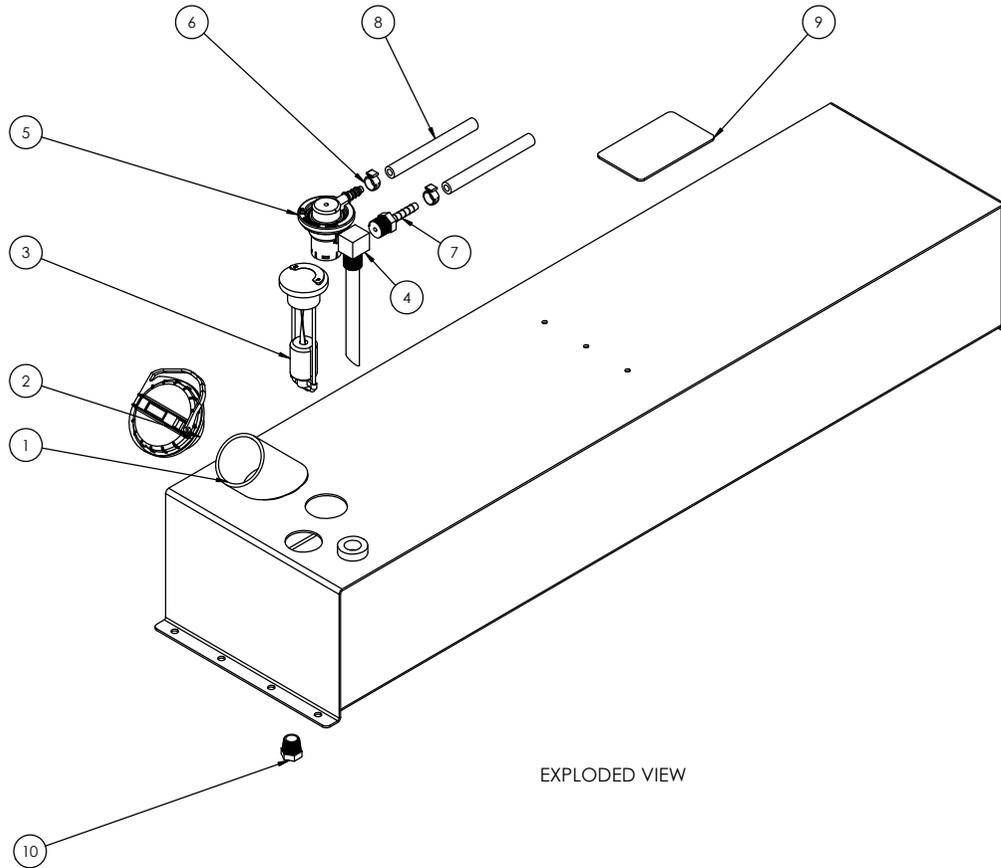
REFER TO PART

NOTES:

All Dimensions are in Millimetres  
 Break All Sharp Corners and  
 Remove Burrs & Swarf  
 25  
 Denotes Critical Dimension

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ITEM NO.	PART NO.	PART NAME	QTY
1	GEN-32P-08W	6.5GAL FUEL TANK WELDMENT	1
2	GEN-23P-03-08	FUEL CAP	1
3	GEN-23P-03-09	FUEL GAUGE	1
4	GEN-23P-03-10	FUEL ANTI-SIPHON VALVE	1
5	GEN-23P-03-07	FUEL ROLL OVER VALVE	1
6	GEN-23P-03-12	1/4" HOSE CLAMP	2
7	GEN-23P-03-13	3/8" THREAD TO 1/4" HOSE BARB	1
8	GEN-32P-08-08	4.3 FT 1/4"FUEL LINE	2
9	GEN-32P-01-A1-02	POLYESTER MATTE SILVER LABEL	1
10	GEN-23P-03-14	FUEL TANK DRAINAGE PLUG	1



EXPLODED VIEW



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



DATE: 06/12/2023

PROJECT: GEN-32P-US

SCALE: 1:5 A3

DWG NO. GEN-32P-08-00

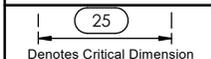
TITLE 6.5GAL FUEL TANK ASSEMBLY

MATERIAL MS 250

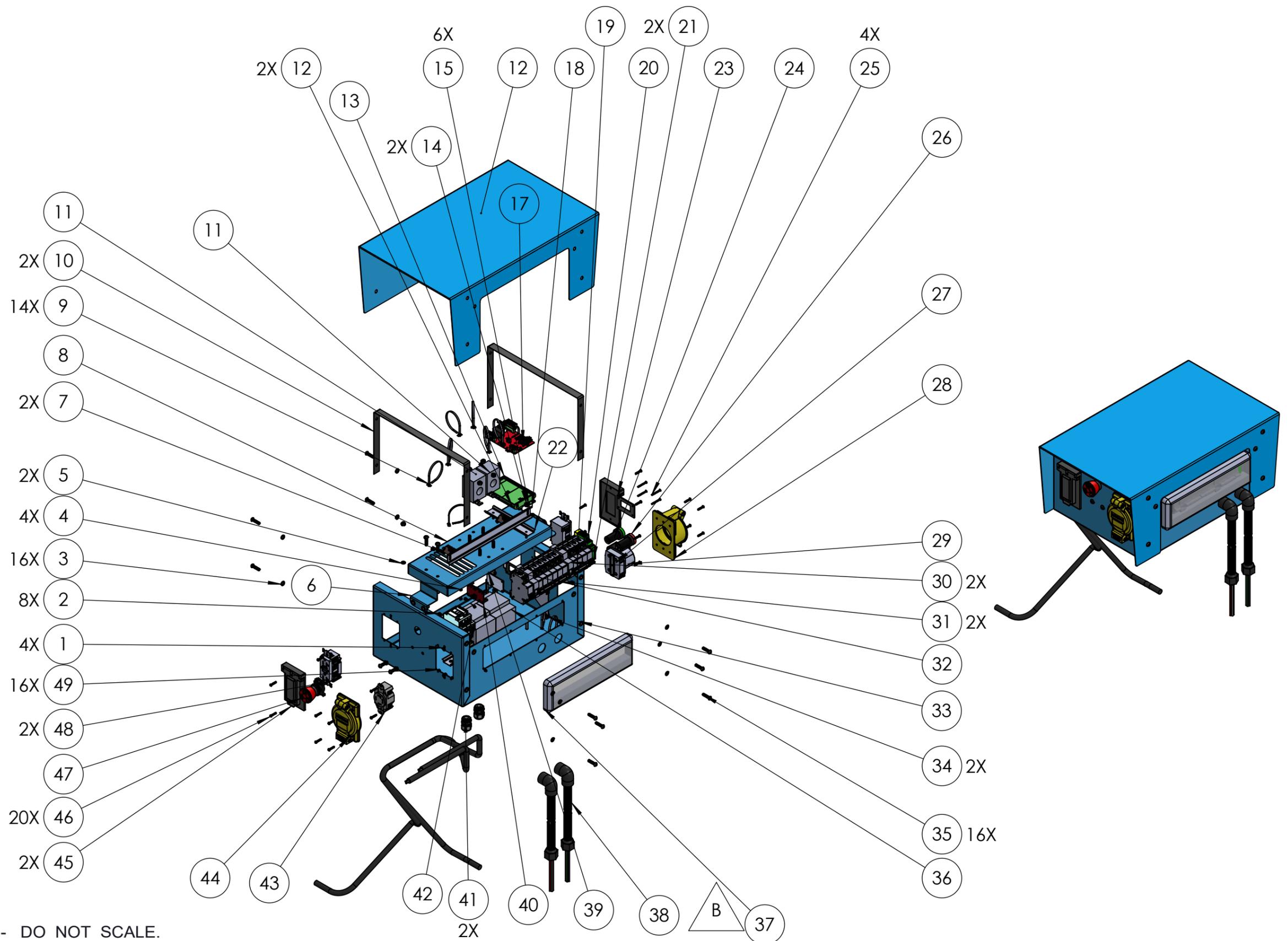
REV: 001

FINISH POWDERCOATED

All Dimensions are in Millimetres  
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NOTES: POWDERCOATED RAL 3013



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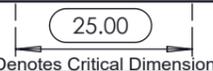
GENERAL TOLERANCES  
 (Unless otherwise noted)  
 0-100mm: ± 0.25 mm  
 100mm - 500mm: ± 0.5 mm  
 500mm+: ± 1.0 mm  
 Angular: ± 1 deg.



DATE: 23/06/2025

SCALE: 1:10 A3

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



PART NO.: GEN-32P-10-00

PROJECT: GEN-32P

MATERIAL: REFER TO PART

THICKNESS:

DESCRIPTION: US SPEC- ASSEMBLY PARALLEL BOX

FINISH: REFER TO PART

DIAMETER:

MASS:

DRAWN BY: AL

APPROVED BY:

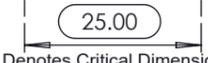
REV:

C01

SHEET 1 OF 2

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	MAKF-0212	US SPEC - 0.195" FLAT WASHER SS	4	27	MAK-UP-83	PARALLEL ISOLATOR SWITCH	1
2	MAKF-0155	M4 X 10 POZI HEAD ZP PHILIPS PLASTIC TAPPING (PART OF MAK-UP-295)	8	28	MAK-UP-349	WEATHERPROOF COVER TWIST LOCK 50A 480VAC WITH LID YELLOW	1
3	MAKF-0102	M6 SPRING WASHER SS DIN-127B	16	29	MAK-UP-332	US SPEC - TWIST LOCK RECEP TACKLE 50A 480V AC CS8169	1
4	MAKF-0067	M3 NYLOC NUT SS DIN-985	4	30	MAK-UP-494	SHUNT TRIP RELEASE - 1P 12-24VDC 50/60Hz OC CONTACT A9A26948	2
5	MAKF-0080	M6 FLAT WASHER ZP DIN-433	2	31	MAK-UP-381	MINIATURE SUPPLEMENTARY PROTECTOR 277-480 VAC 3P C20A	2
6	GEN-32P-04-26	GENERATOR - 32P PARALLEL BOX RAISED MOUNT ASSY BRACKET	1	32	GEN-32P-04-21	GASKET 58.4 X 36.4	1
7	MAK-UP-268	DIN RAIL END STOP	2	33	GEN-32P-10-02	US SPEC - ASSY ELECTRICAL BOX INNER	1
8	GEN-32P-04-24	GENERATOR - ASSY 32P PARALLEL BOX RAISED MOUNT	1	34	MAK-UP-171	DIN RAIL TRIANGLE BRACKET (PART OF MAK-UP-295)	2
9	MAK-UP-289	CABLE TIE PUSH IN 170 X 4.8	14	35	MAKF-0119	M6 X 25 BUTTON HEAD SS SOCKET ISO 7380	16
10	GEN-32P-04-04	GASKET	2	36	MAK-UP-497	REVERSE POWER RELAY - 8-35VDC 50/60/400HZ 3 PHASE PROTECTION MODULE HPD300	2
11	MAK-UP-496	CURRENT TRANSFORMER - 50/5A 1.5VA 21 X 10MM BORE 171-8750	2	37	MAK-UP-295	INSPECTION WINDOW 16 POLE	1
12	MAKF-0013	M4 X 6 PAN HEAD SS PHILIPS DIN-7985	2	38	GEN-32P-06-05	ASSY ALTERNATOR AND ENGINE CABLE SET (REFER TO WD-32PUS)	1
13	MAK-UP-262	PCB DIN RAIL INTERFACE ASSEMBLY 106 X 72MM	1	39	GEN-32P-04-20	LENS 58.4 x 36.4	1
14	MAKF-0068	M4 NYLOC NUT SS DIN-985	2	40	MAK-UP-260	32KVA GEN3 PCB DISPLAY	1
15	MAKF-0070	M6 NYLOC NUT SS DIN-985	6	41	MAK-UP-302	M20 CABLE GLAND	2
12	GEN-32P-04-01	ELECTRICAL BOX OUTER	1	42	GEN-32P-11-01	CWB38-11-30D25 - 690VAC CONTACTOR	1
17	MAK-UP-315	PARALLELING PCB	1	43	MAK-UP-352	US SPEC - 4 SLOT RECEP TACKLE 30A 480V AC NEMA L16-30 FEMALE	1
18	MAK-UP-270	DIN RAIL 300MM (PART OF MAK-UP-295)	1	44	MAK-UP-351	WEATHERPROOF COVER TWIST LOCK 30A 480VAC WITH LID YELLOW	1
19	MAK-UP-382	MINIATURE SUPPLEMENTARY PROTECTOR 277-480 VAC 3P C30A	1	45	MAK-UP-334	WEATHERPROOF COVER GFCI 20A 125VAC WITH LID BLACK	2
20	MAK-UP-495	DIN RAIL SUPPLY - 1P DC-DC 24V 15W DDR-15G-24	1	46	MAKF-0213	US SPEC - 6-32 3/4" UNC SS BUTTON HEX	20
21	MAK-UP-380	MINIATURE SUPPLEMENTARY PROTECTOR 277 VAC 1P C20A	2	47	MAK-UP-140	E-STOP	1
22	MAK-UP-499	DIN RAIL 150MM M4 HOLE	1	48	MAK-UP-335	US SPEC - GFCI RECEP TACKLE 20A 125V AC NEMA 5-20 FEMALE	2
23	GEN-32P-04-22	BEZEL	1	49	MAKF-0210	US SPEC - 6-32 SS NYLOC	16
24	MAK-UP-88	GREEN LED	1	50	MAK-UP-324	Blue Insulated Female Spade Connector, Piggyback Terminal, 6.35 x 0.81mm Tab Size Mfr. Part No.: 190130029 (NOT IN CAD)	2
25	MAKF-0153	M3 X 30 COUNTERSUNK SS SOCKET DIN-7991	4	51	GEN-32P-06-03	ASSY 12VDC CONTROL CABLE SET (NOT IN CAD)	1
26	MAK-UP-80	RED LED	1	52	GEN-32P-06-04	ASSY PARALLEL BOX CABLE SET US (NOT IN CAD)	1

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		SCALE: 1:10	A3	PROJECT: GEN-32P			
<p>GENERAL TOLERANCES (Unless otherwise noted)</p> <p>0-100mm: ± 0.25 mm 100mm - 500mm: ± 0.5 mm 500mm +: ± 1.0 mm Angular: ± 1 deg.</p>		 <p>Third Angle Projection - AS 1100</p>	<p>All Dimensions are in Millimetres Break All Sharp Corners and Remove Burrs &amp; Swarf</p>		MATERIAL: REFER TO PART	FINISH: REFER TO PART	MASS:
 <p>Denotes Critical Dimension</p>			THICKNESS:	DIAMETER:	DRAWN BY: AL	APPROVED BY:	SHEET 2 OF 2