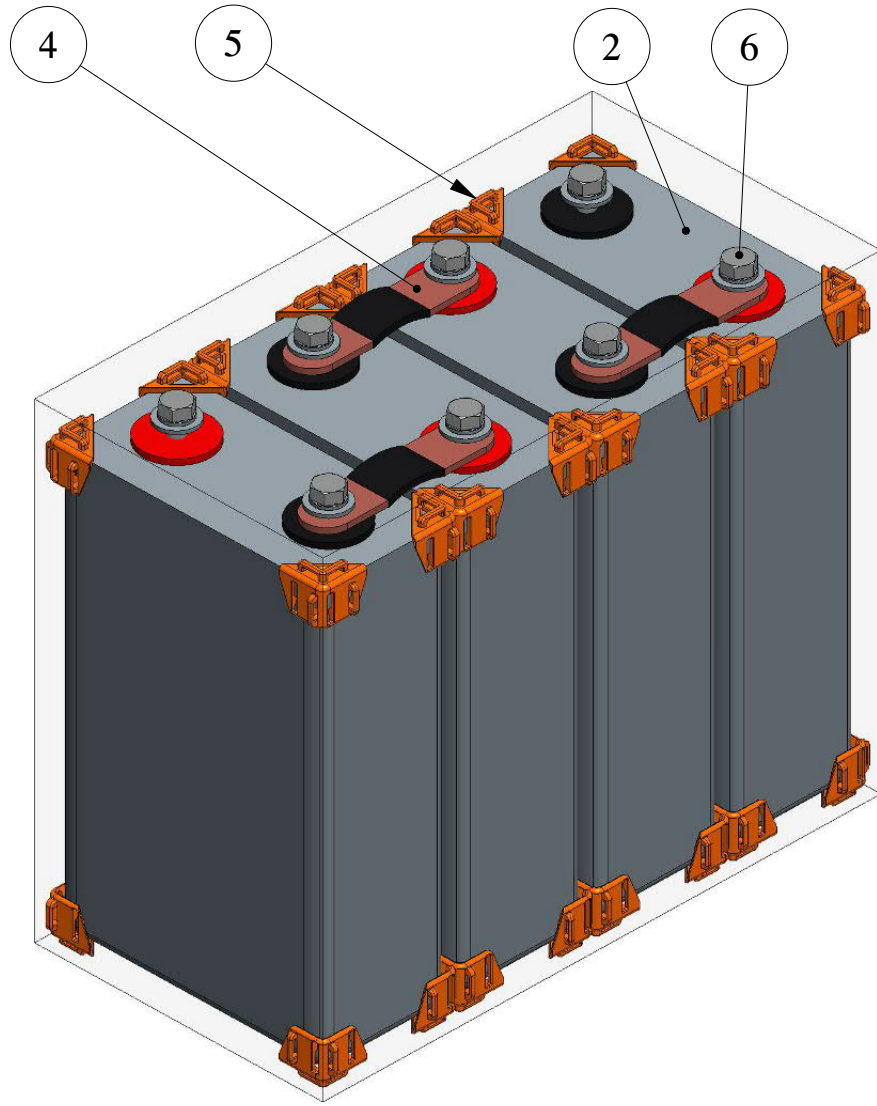
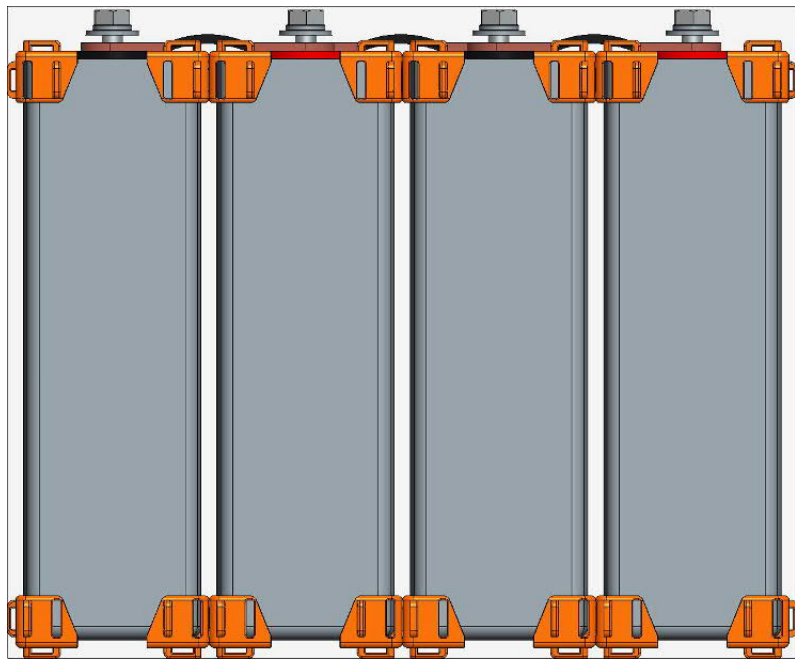
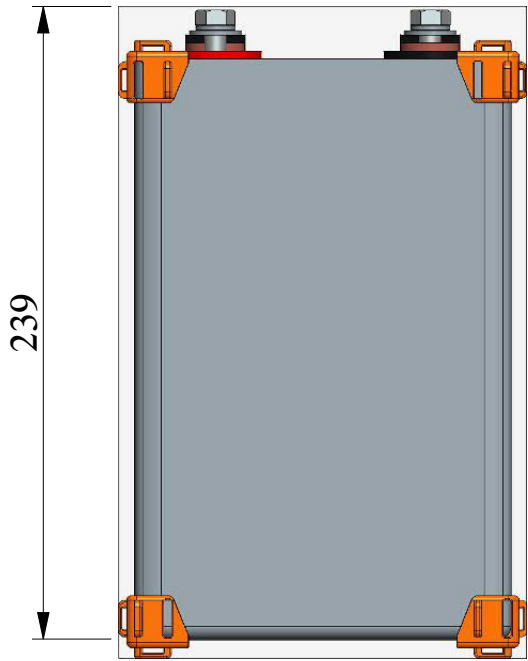
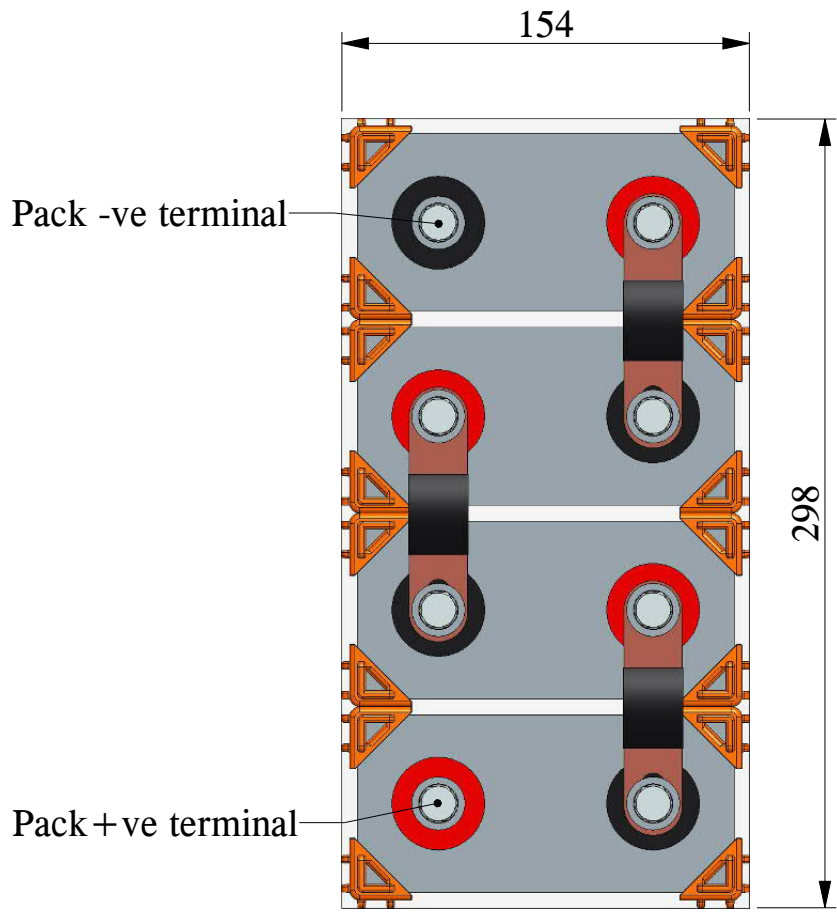

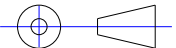


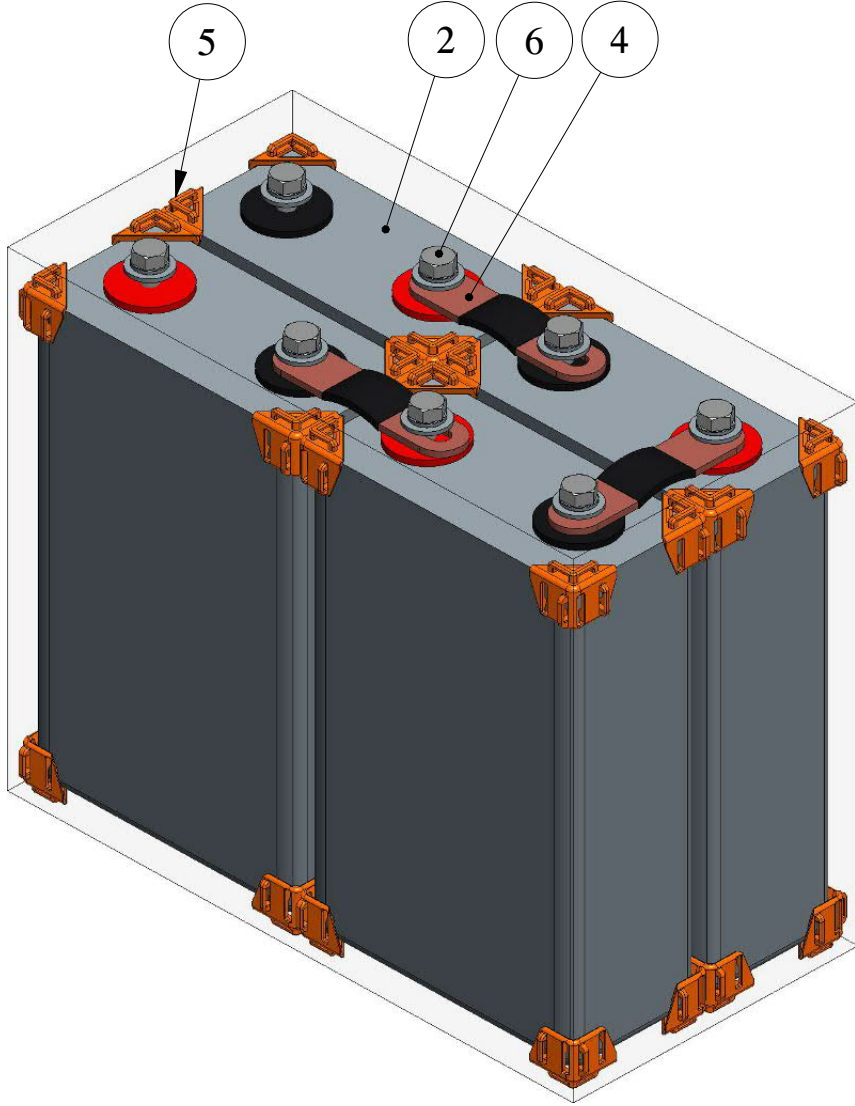
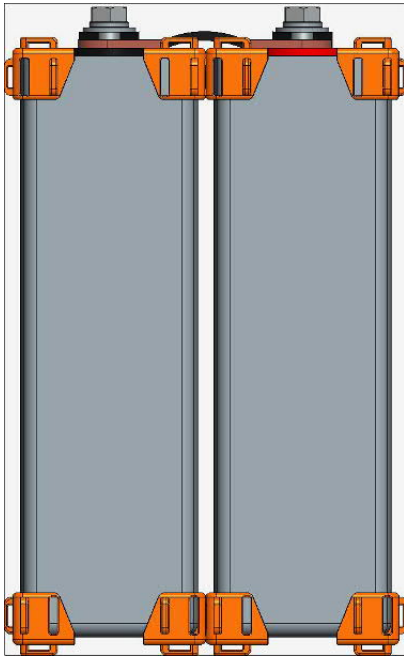
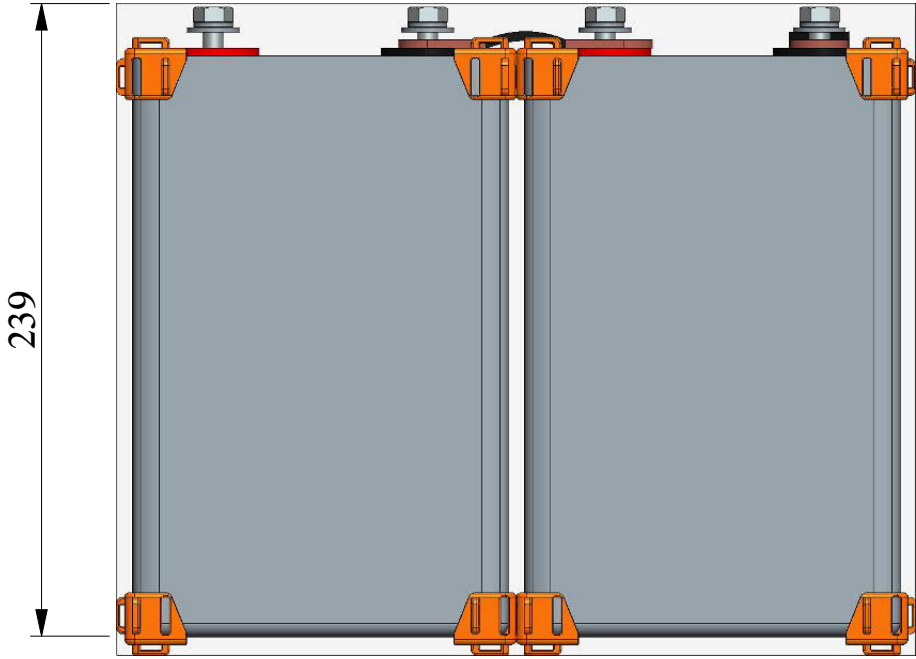
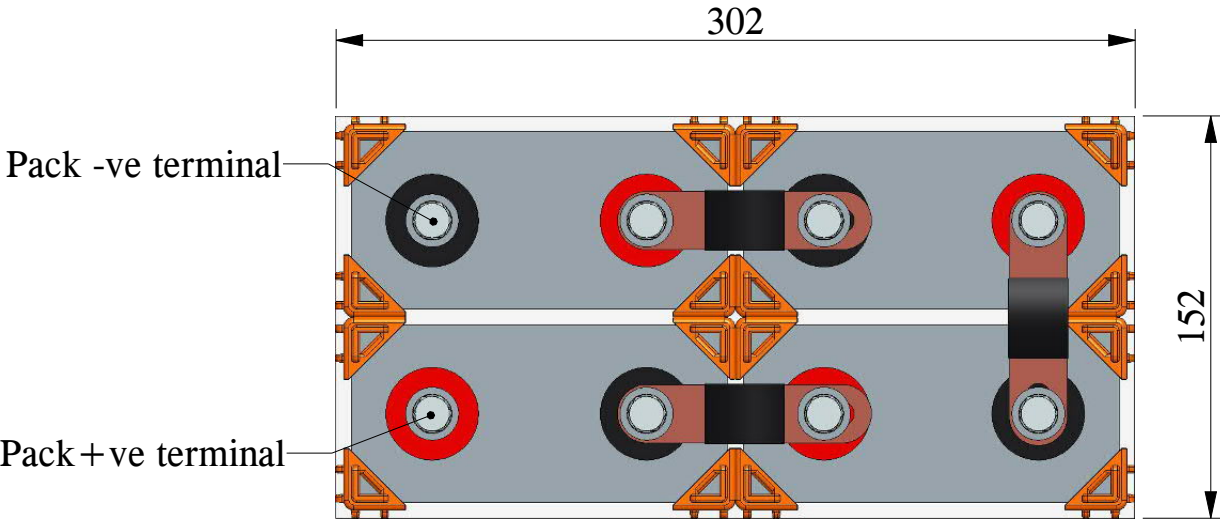
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	4
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	3
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	32
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	8




Pack Energy Storage Capacity	1.3 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	4

 GreenStorm Solutions www.greenstorm.com.au		Prepared By	UNLESS OTHERWISE STATED  DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5  HOLE Ø +0.15 ANGLES ± 0.5		LiFePO4 Battery Pack						Description				
		ACN 126 091 727			Project										
SeaStorm Marine Pty Ltd www.seastorm.com.au		Prepared For		The Battery Volt											
				BV-CALB100-1P4S-12V-AS				Drawing Number		41.42		Mass kg			
				Refer to BOM		Material		Assemble		Process		Finish			
				Initial Release						Current Revision Description					
				Designed DH 01Oct20		Drawn DH 01Oct20		Checked DH 08Oct20		Approved DH 08Oct20		Revision A 08Oct20		Sheet No 1 OF 14	

Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	4
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	3
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	32
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	8

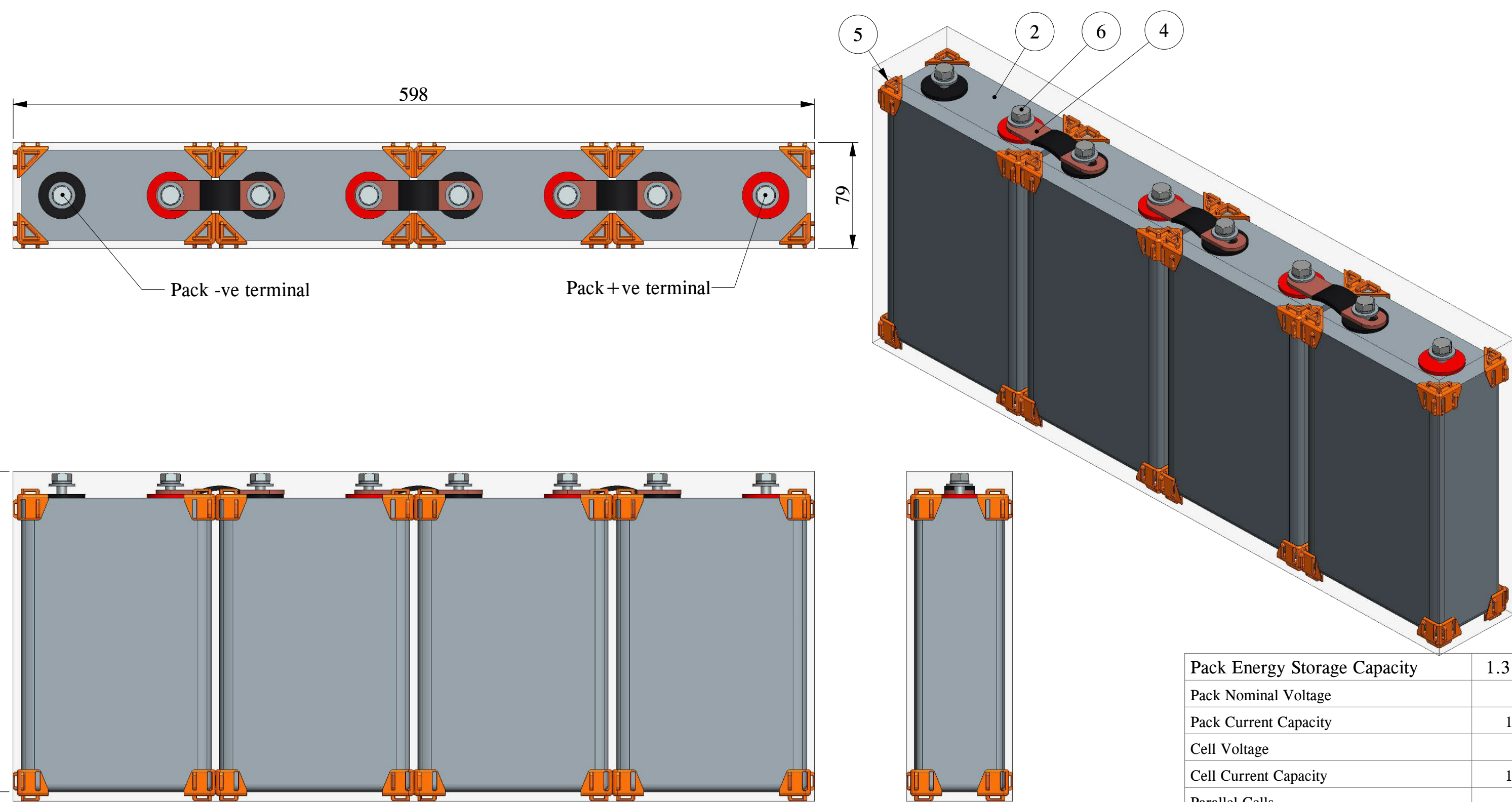


Pack Energy Storage Capacity	1.3 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	4


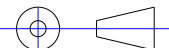
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		ACN 126 091 727		Prepared For		LiFePO4 Battery Pack	
						Project	
						The Battery Volt	
						Drawing Number	
						Mass kg	
						BV-CALB100-1P4S-2X2-12V-AS	
						41.42	
						Material	
						Process	
						Finish	
						Refer to BOM	
						Assemble	
						Initial Release	
						Current Revision Description	
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						08Oct20	
						Sheet No	
						2 OF 14	



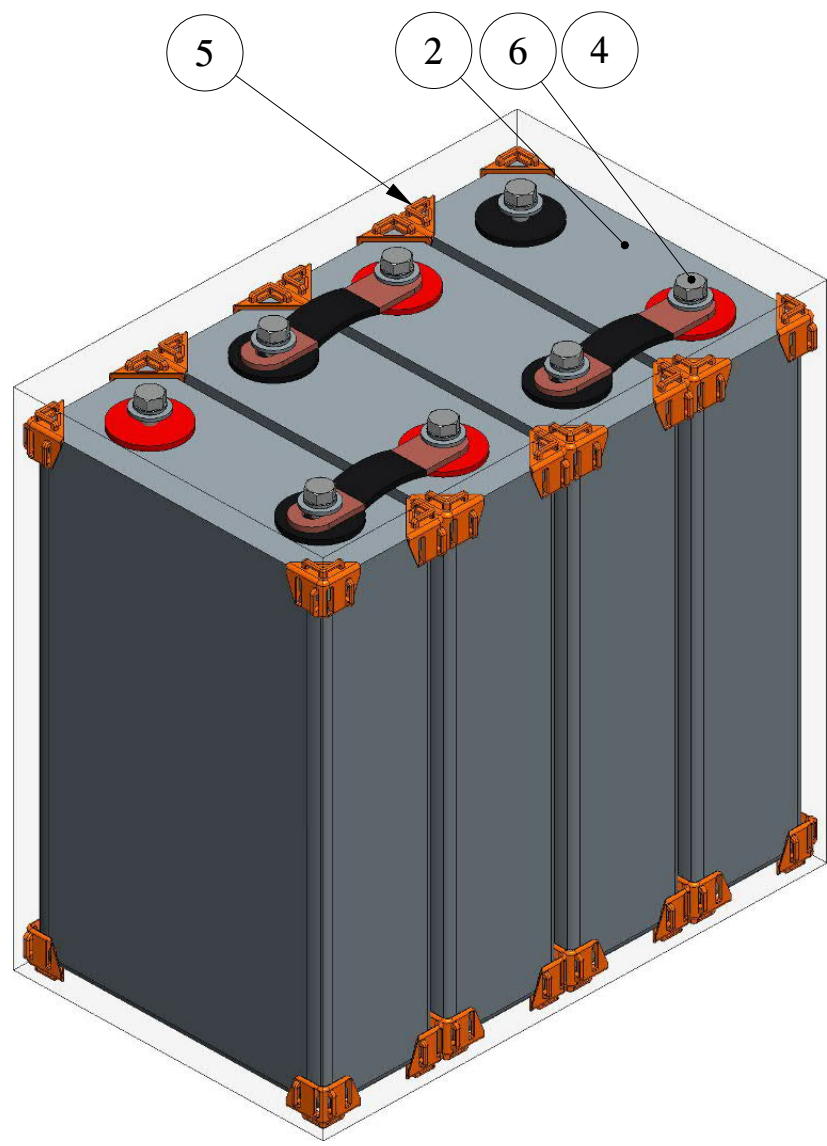
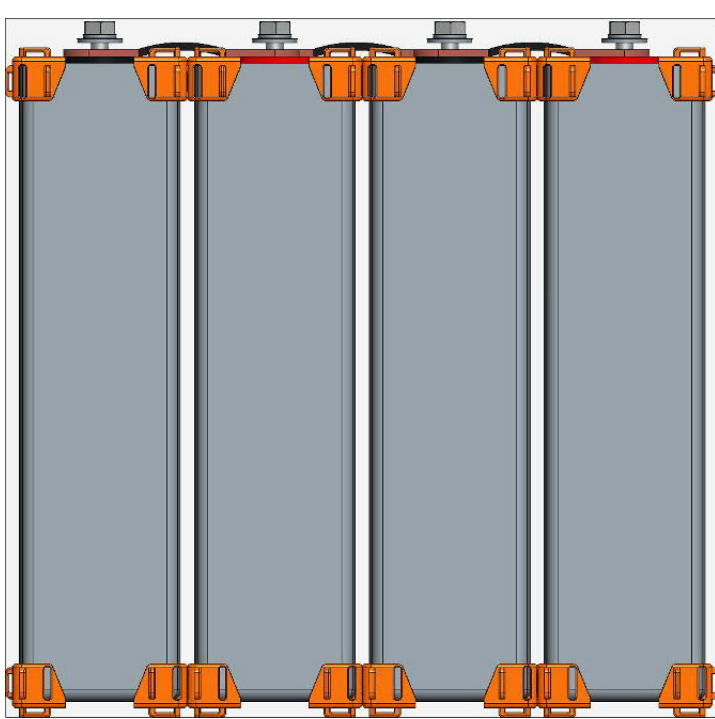
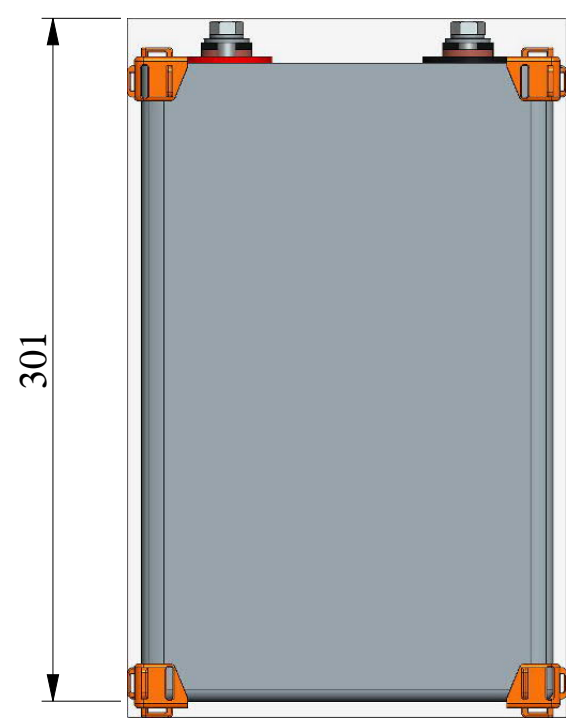
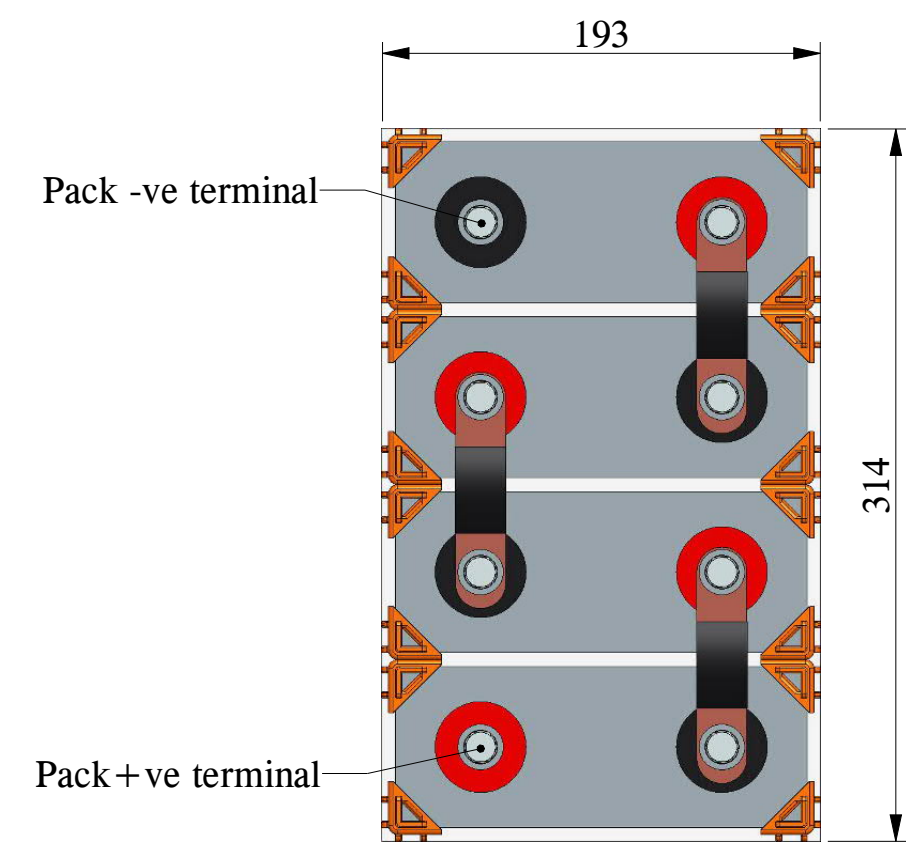
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	4
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	3
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	32
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	8



Pack Energy Storage Capacity	1.3 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	4

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED  DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5  HOLE Ø +0.15 ANGLES ± 0.5  	LiFePO4 Battery Pack						Description	
	ACN 126 091 727		The Battery Volt						Project	
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For		BV-CALB100-1P4SL-12V-AS				Drawing Number	41.42	Mass kg	
			Refer to BOM		Material	Assemble		Process	Finish	
			Initial Release						Current Revision Description	
			Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 3 OF 14		

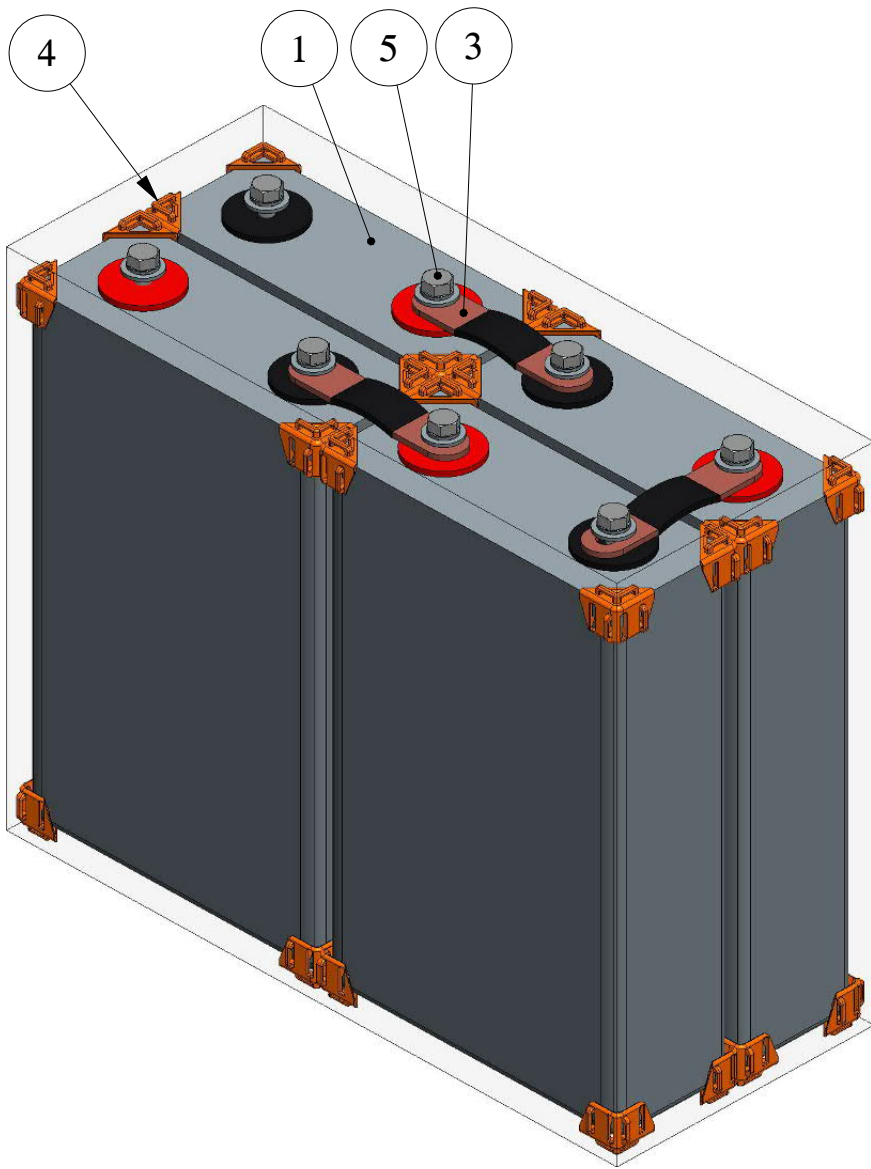
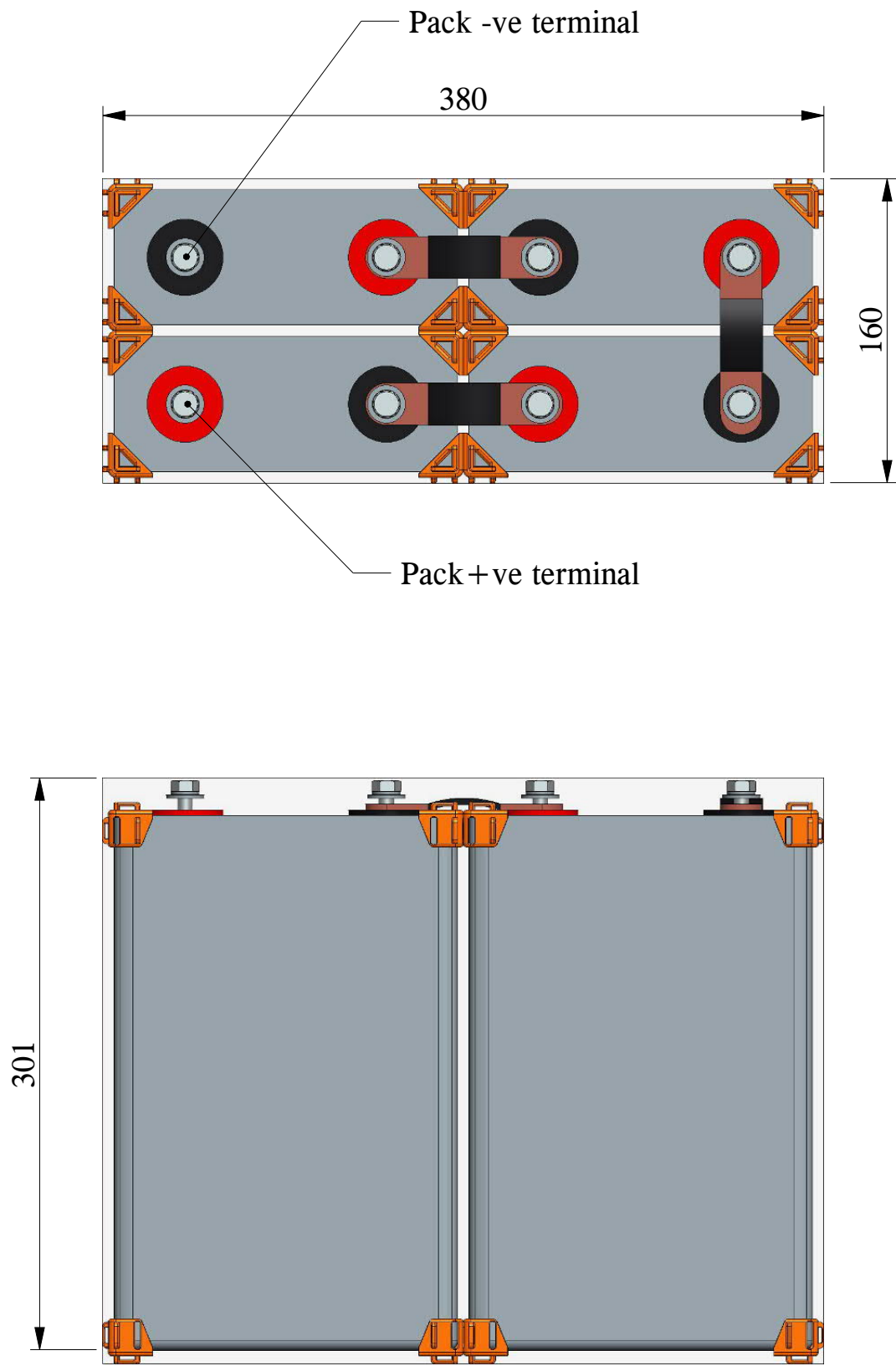
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	3
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	4
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	32
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	8



Pack Energy Storage Capacity	2.3 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	4

Prepared By		UNLESS OTHERWISE STATED DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5 HOLE Ø +0.15 ANGLES ± 0.5		Description	
GreenStorm Solutions www.greenstorm.com.au		ACN 126 091 727		Project	
SeaStorm Marine Pty Ltd www.seastorm.com.au		Prepared For		Mass kg	
				Finish	
				Current Revision Description	
				Sheet No	
				4 OF 14	

Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	3
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	4
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	32
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	8



Pack Energy Storage Capacity	2.3 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	4



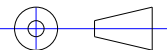
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Prepared By

ACN 126 091 727

Prepared For

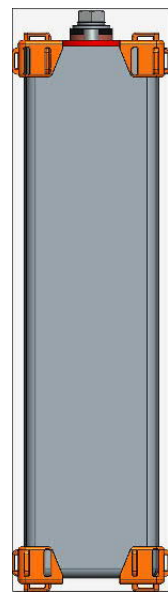
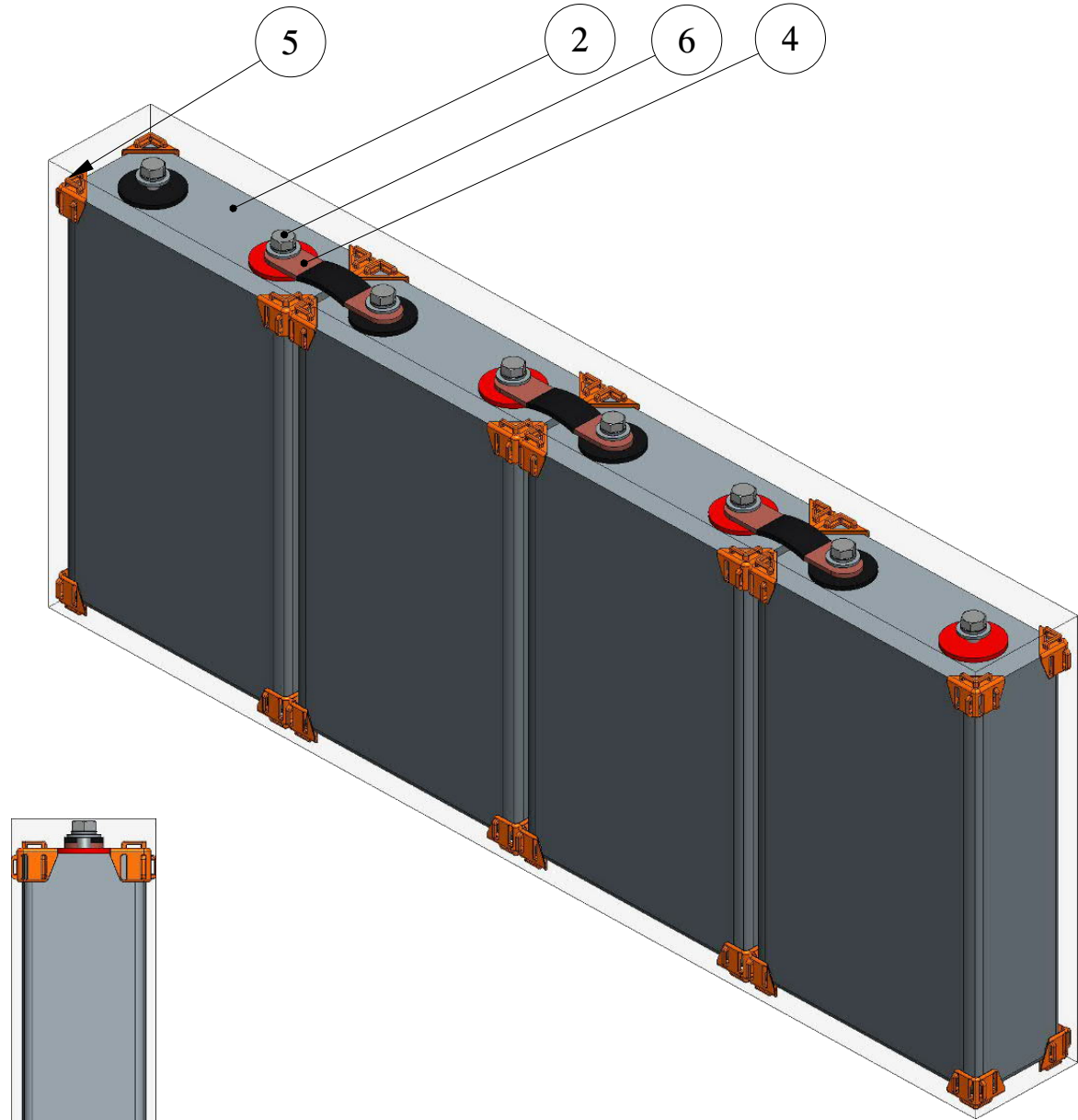
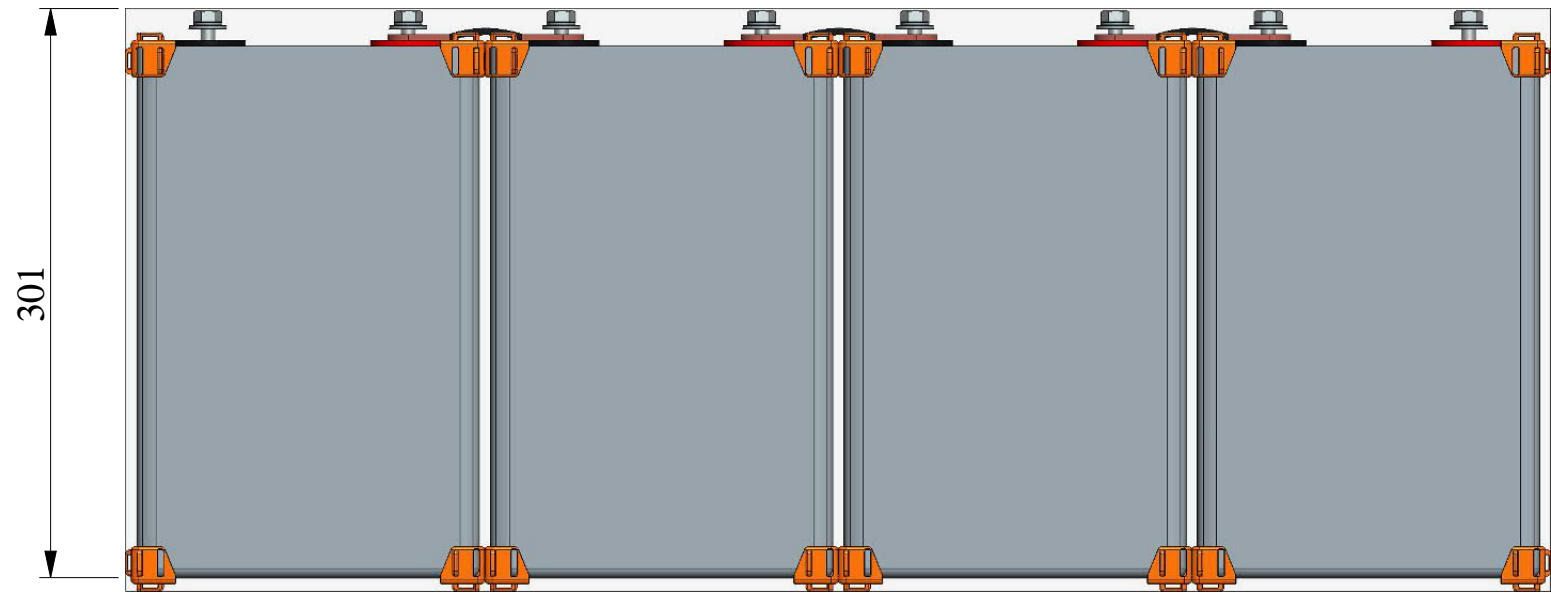
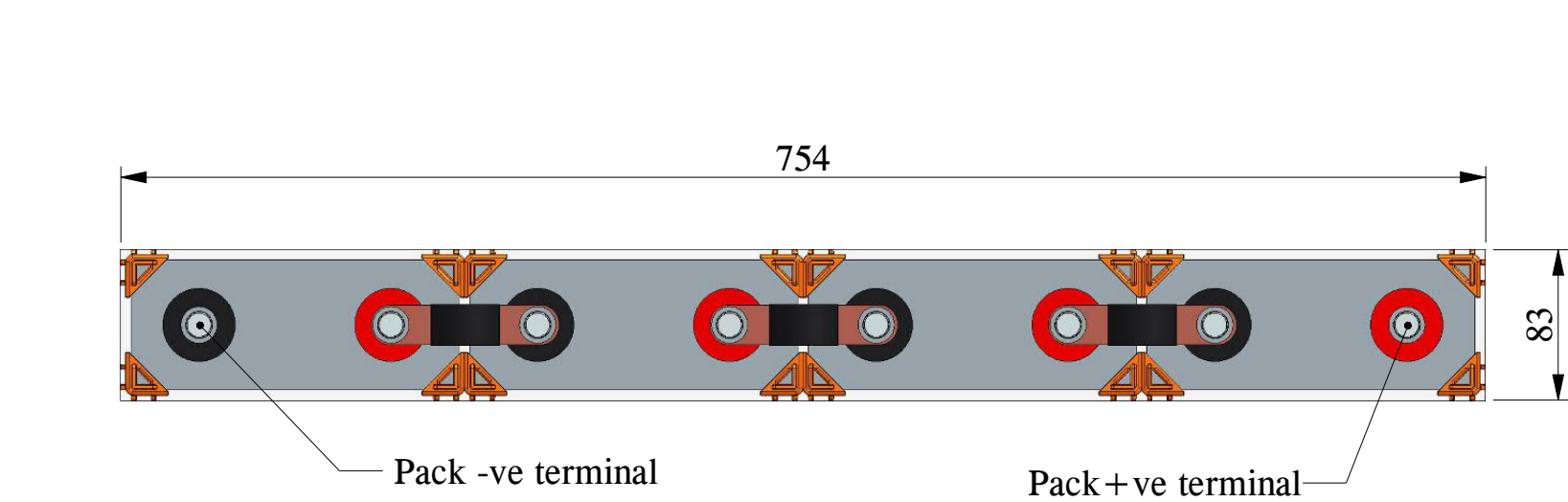
UNLESS OTHERWISE  
STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5




LiFePO4 Battery Pack					Description
The Battery Volt					Project
BV-CALB180-1P4S-2X2-12V-AS					Mass kg
Refer to BOM					Finish
Initial Release					Current Revision Description
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 5 OF 14



Item	Part Number	REV	Description	Material	Mass Each kg	Qty
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	3
6	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	4
7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	32
8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	8



Pack Energy Storage Capacity	2.3 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	4



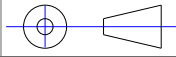
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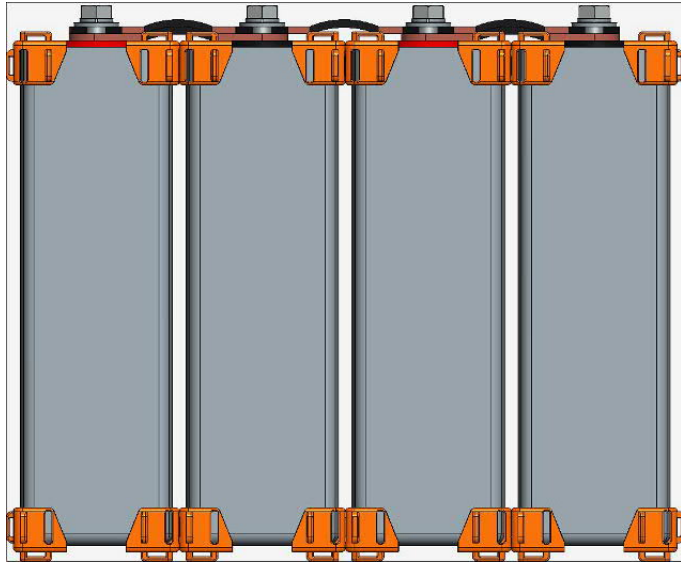
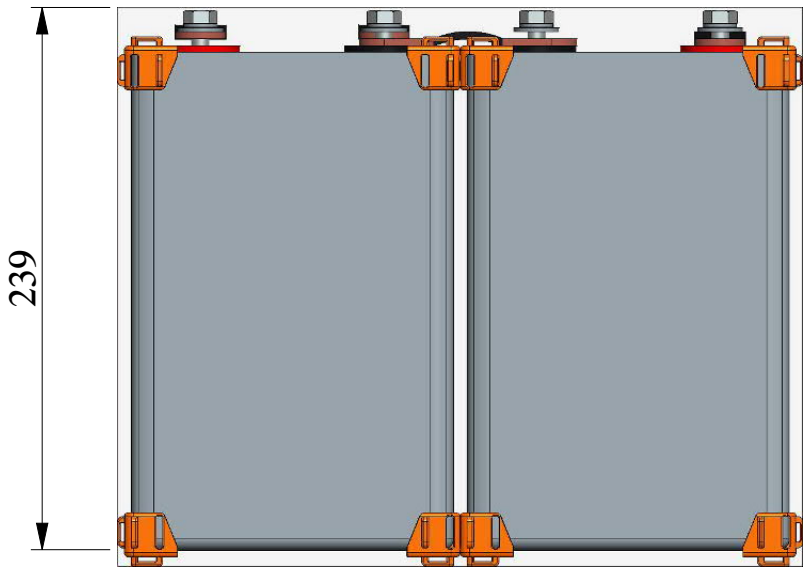
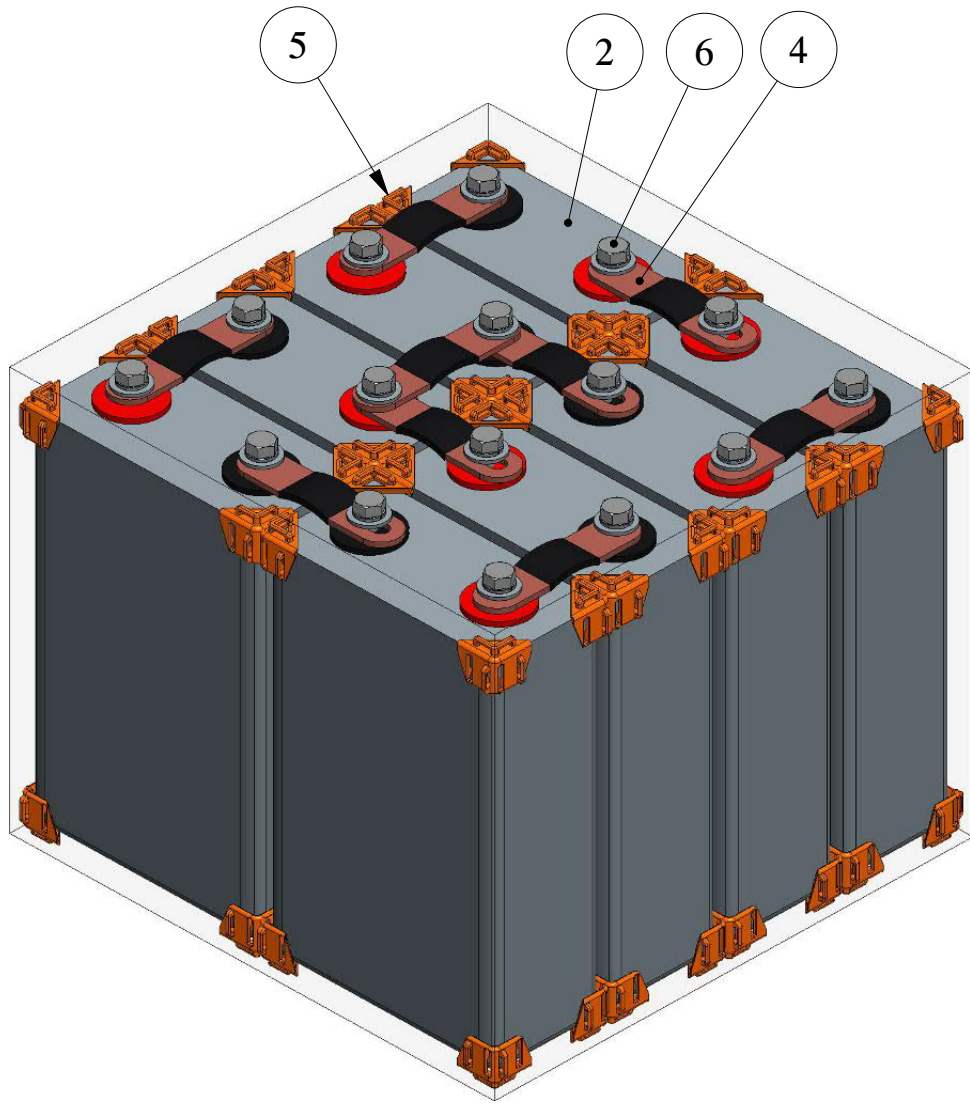
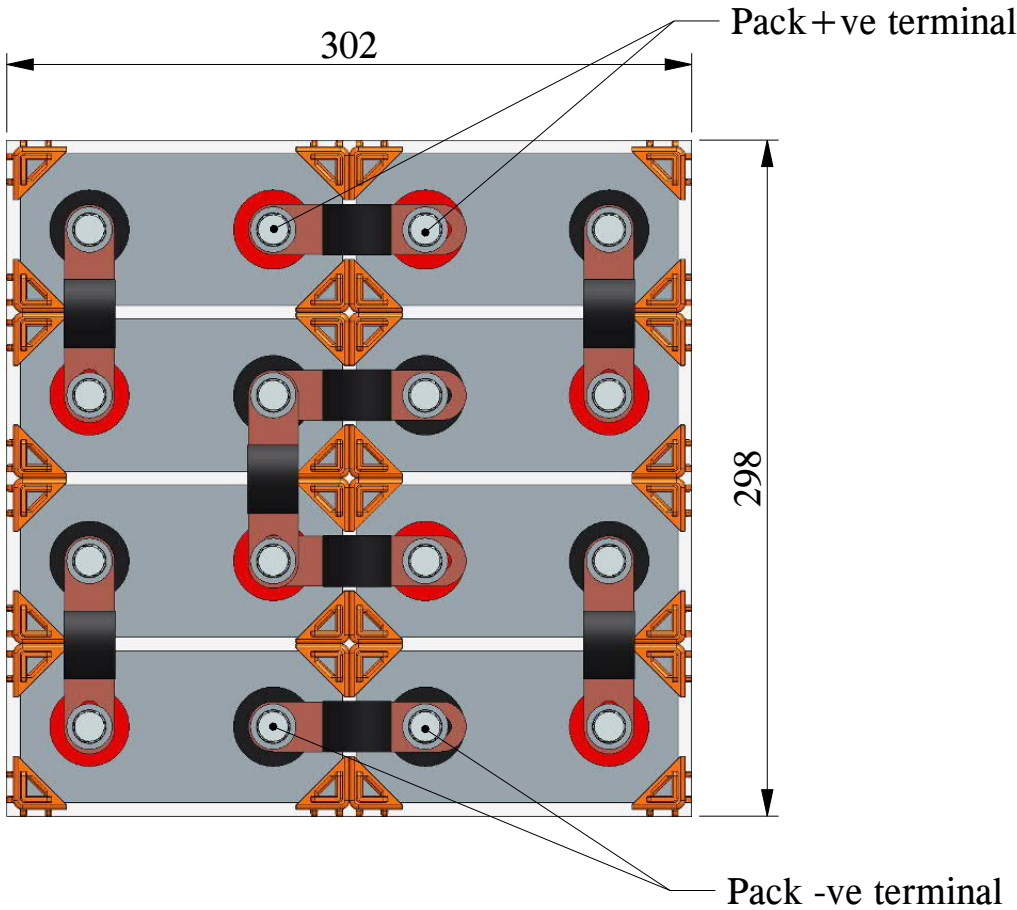
Prepared For

UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



LiFePO4 Battery Pack					Description
The Battery Volt					Project
BV-CALB180-1P4SL-12V-AS			Drawing Number	41.42	Mass kg
Refer to BOM		Material	Assemble	Process	Finish
Initial Release					Current Revision Description
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 6 OF 14

Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	8
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	9
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16



Pack Energy Storage Capacity	2.6 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	200 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	2
Series Cells	4

LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB100-2P4S-12V-AS		Drawing Number	41.42
Refer to BOM		Material	Assemble
Initial Release		Current Revision Description	
Designed	Drawn	Checked	Approved
DH	DH	DH	DH
01Oct20	01Oct20	08Oct20	08Oct20
		Revision	Sheet No
		A	7 OF 14



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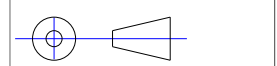
ACN 126 091 727

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SeaStorm Marine Pty Ltd

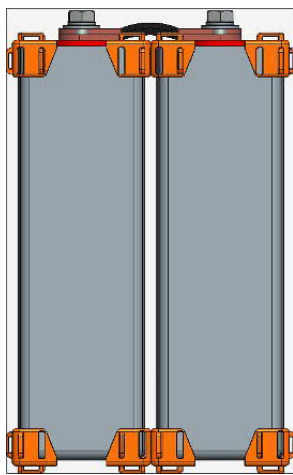
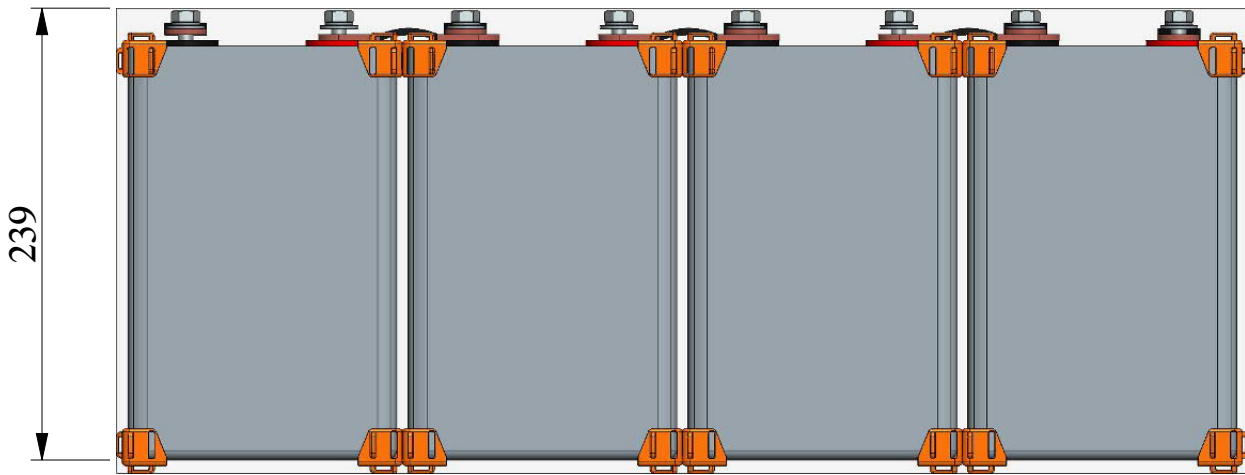
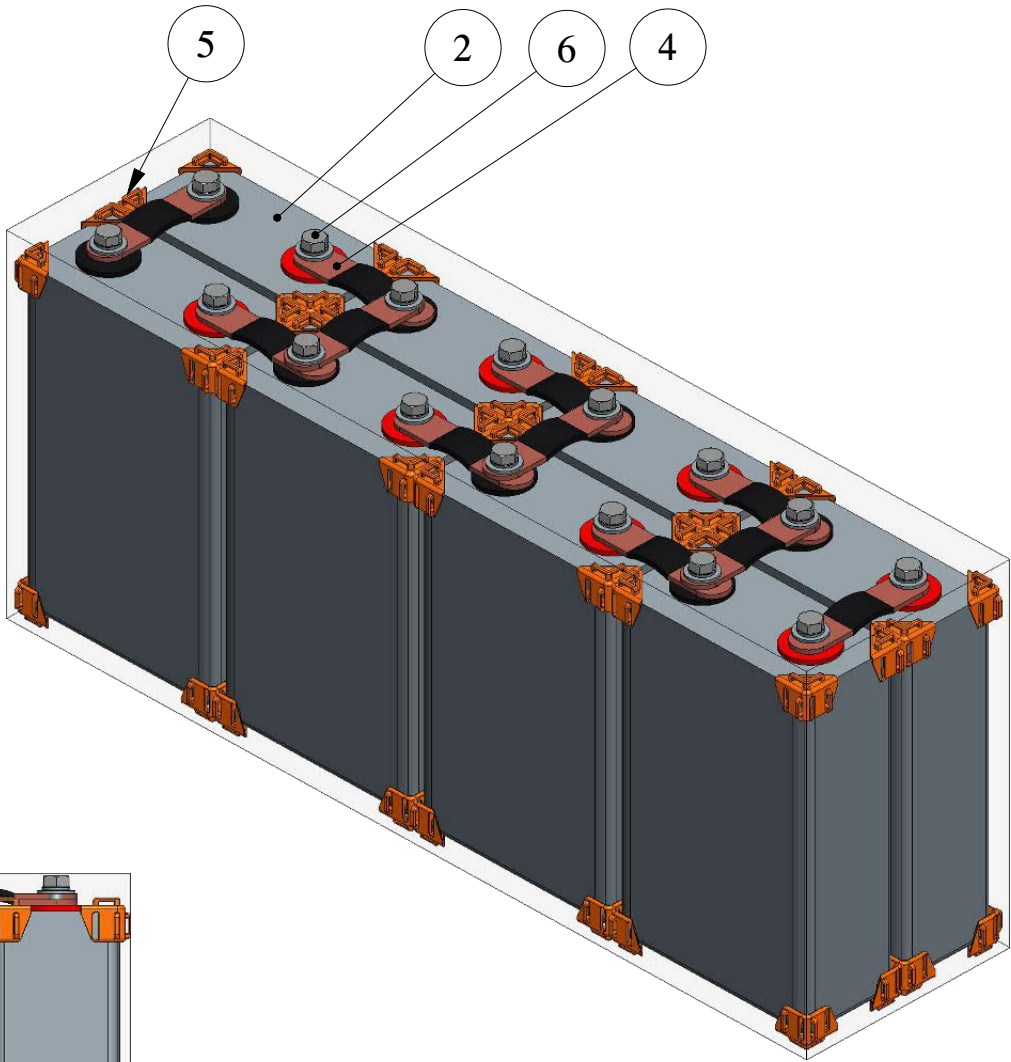
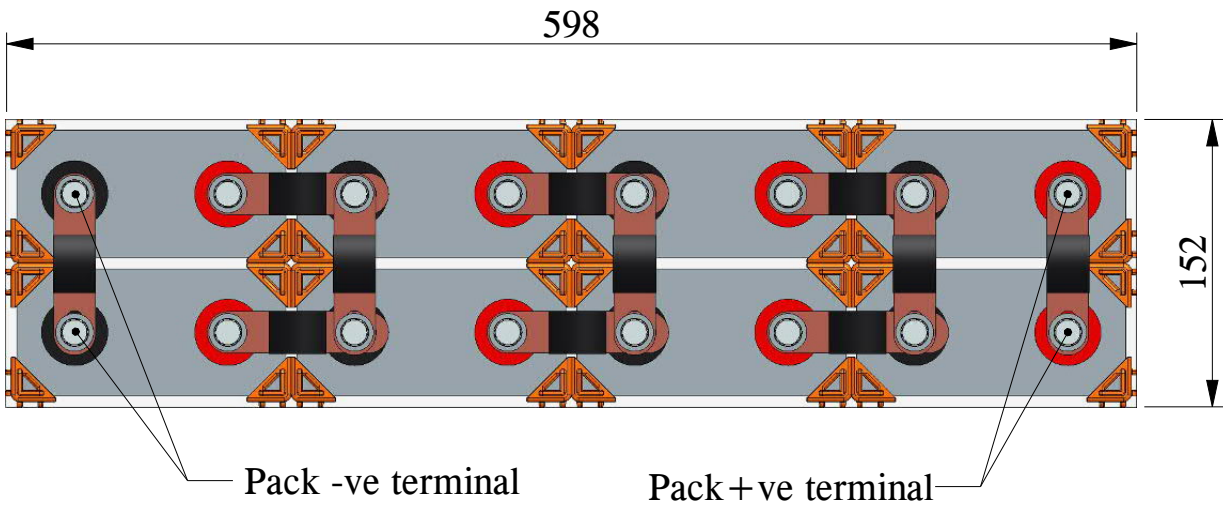
www.seastorm.com.au

UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5


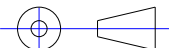




Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	8
5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	11
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16

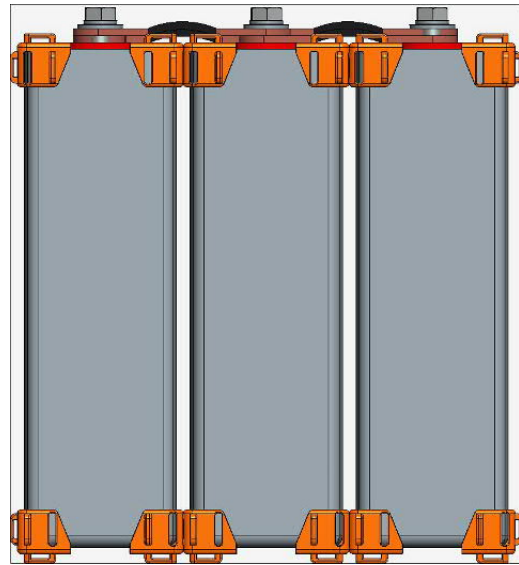
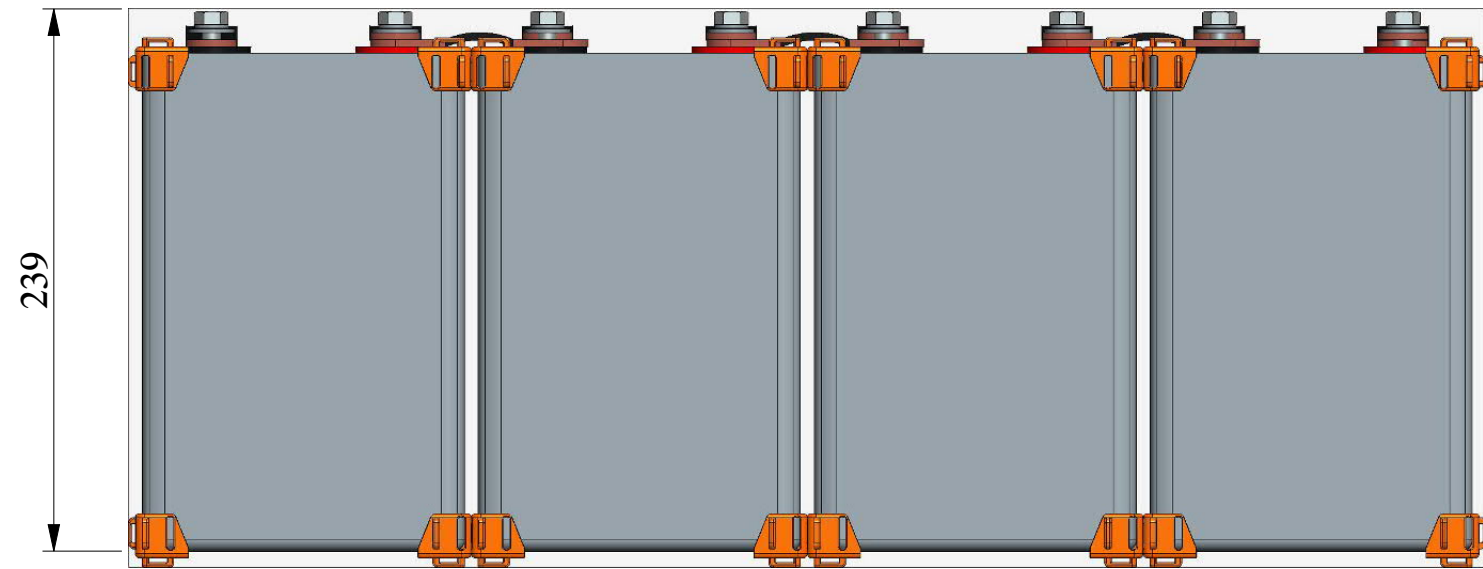
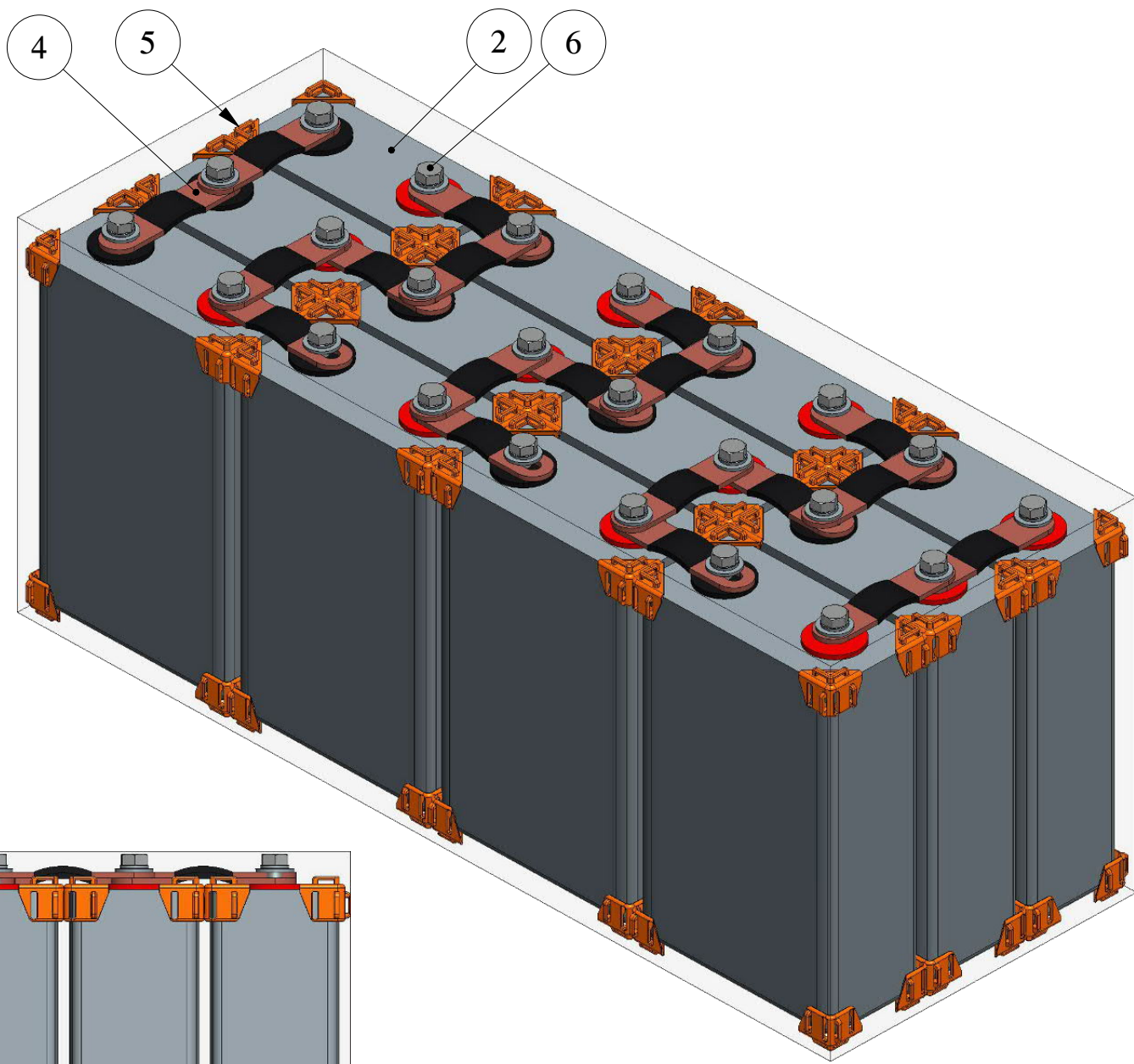
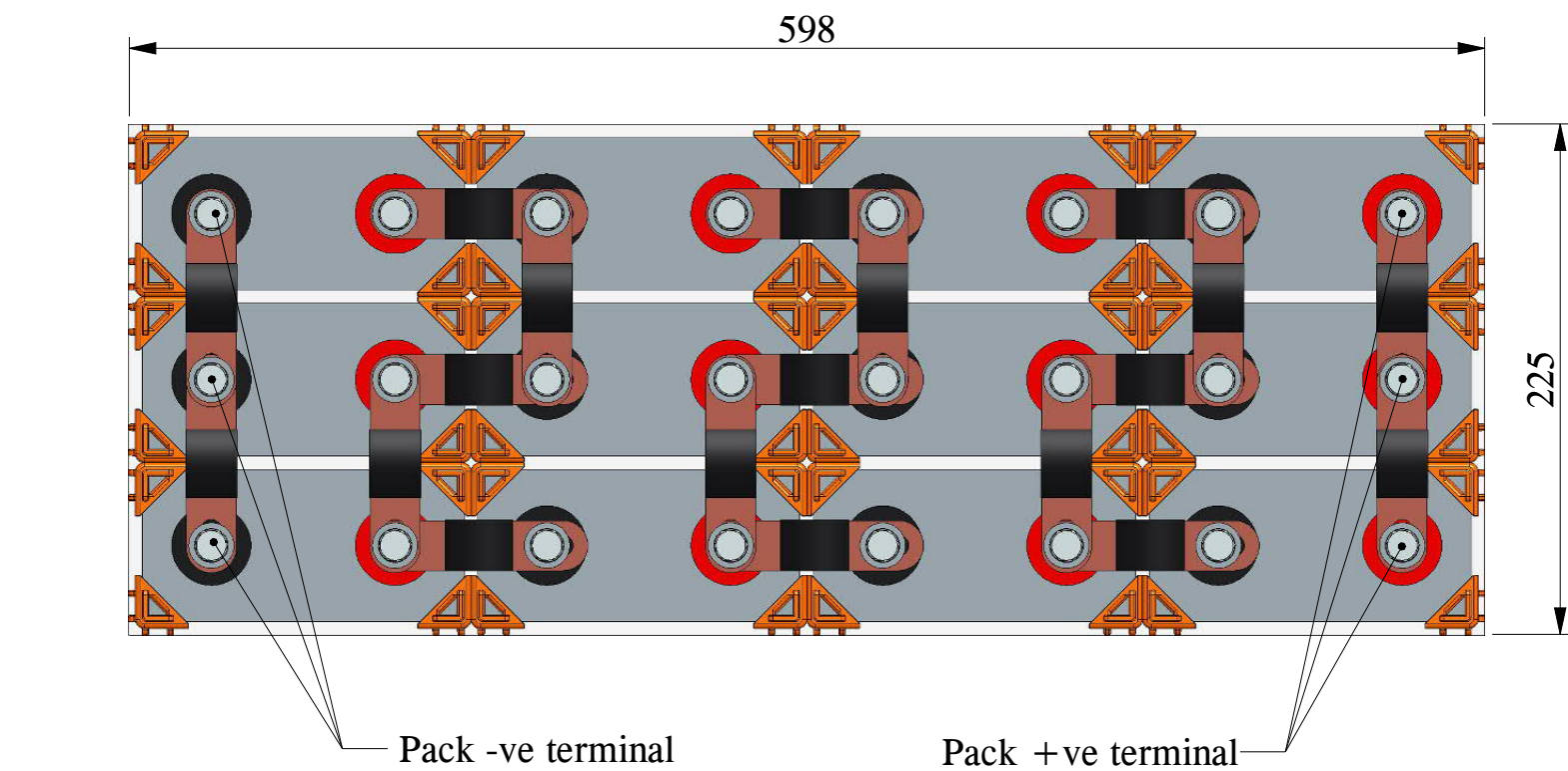


Pack Energy Storage Capacity	2.6 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	200 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	2
Series Cells	4


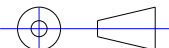
 <b>GreenStorm</b> Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED  DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5  HOLE Ø +0.15 ANGLES ± 0.5  	LiFePO4 Battery Pack						Description	
	ACN 126 091 727		The Battery Volt						Project	
<b>SeaStorm Marine Pty Ltd</b> www.seastorm.com.au	Prepared For		BV-CALB100-2P4SL-12V-AS				Drawing Number	41.42	Mass kg	
			Refer to BOM		Material	Assemble		Process	Finish	
			Initial Release						Current Revision Description	
			Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 8 OF 14		



Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	12
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	19
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	24

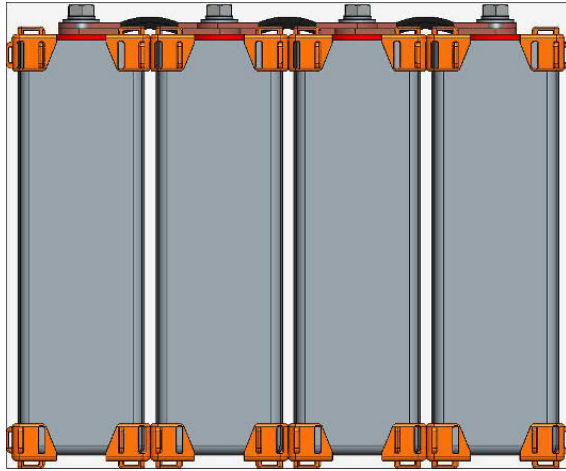
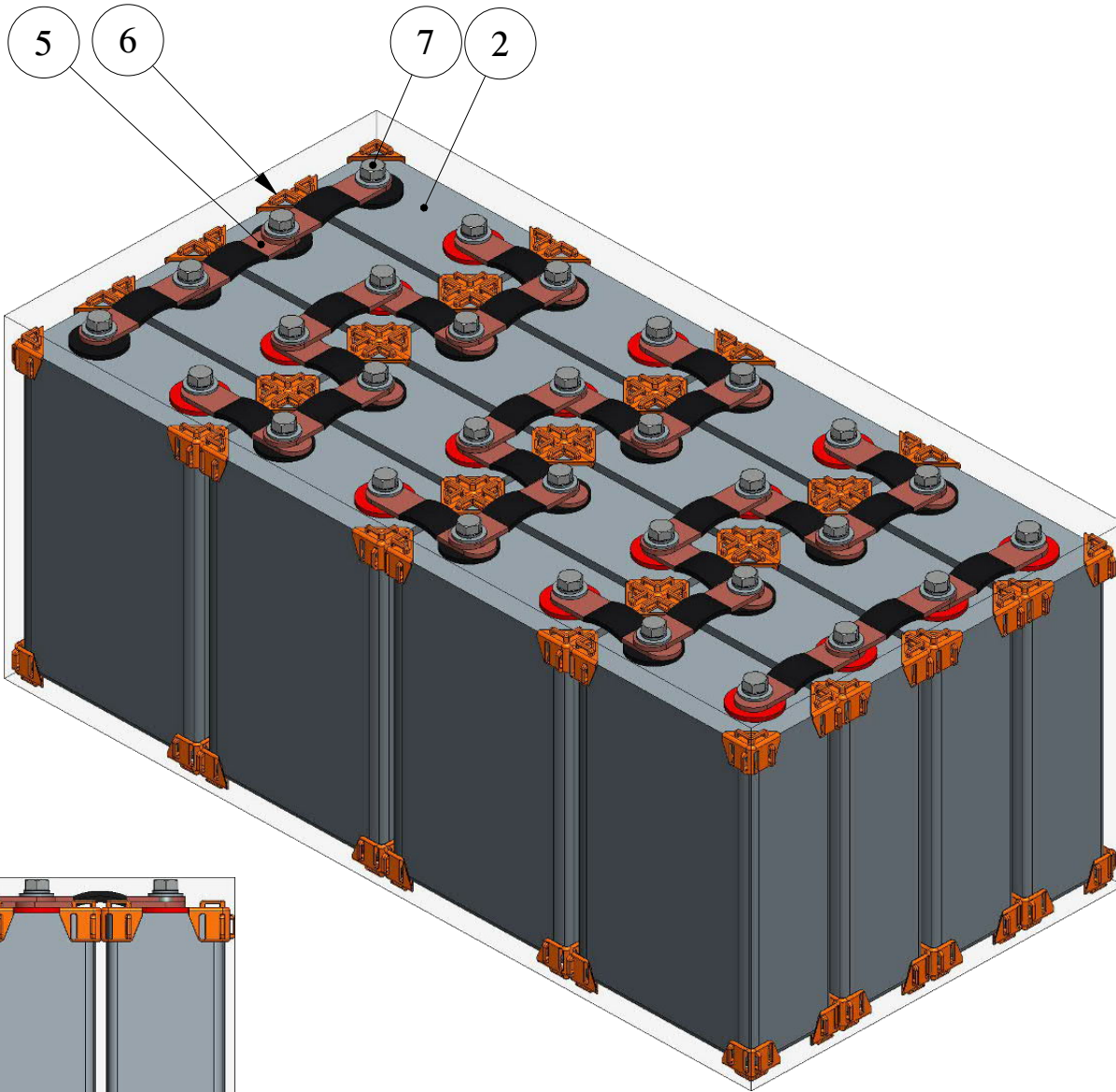
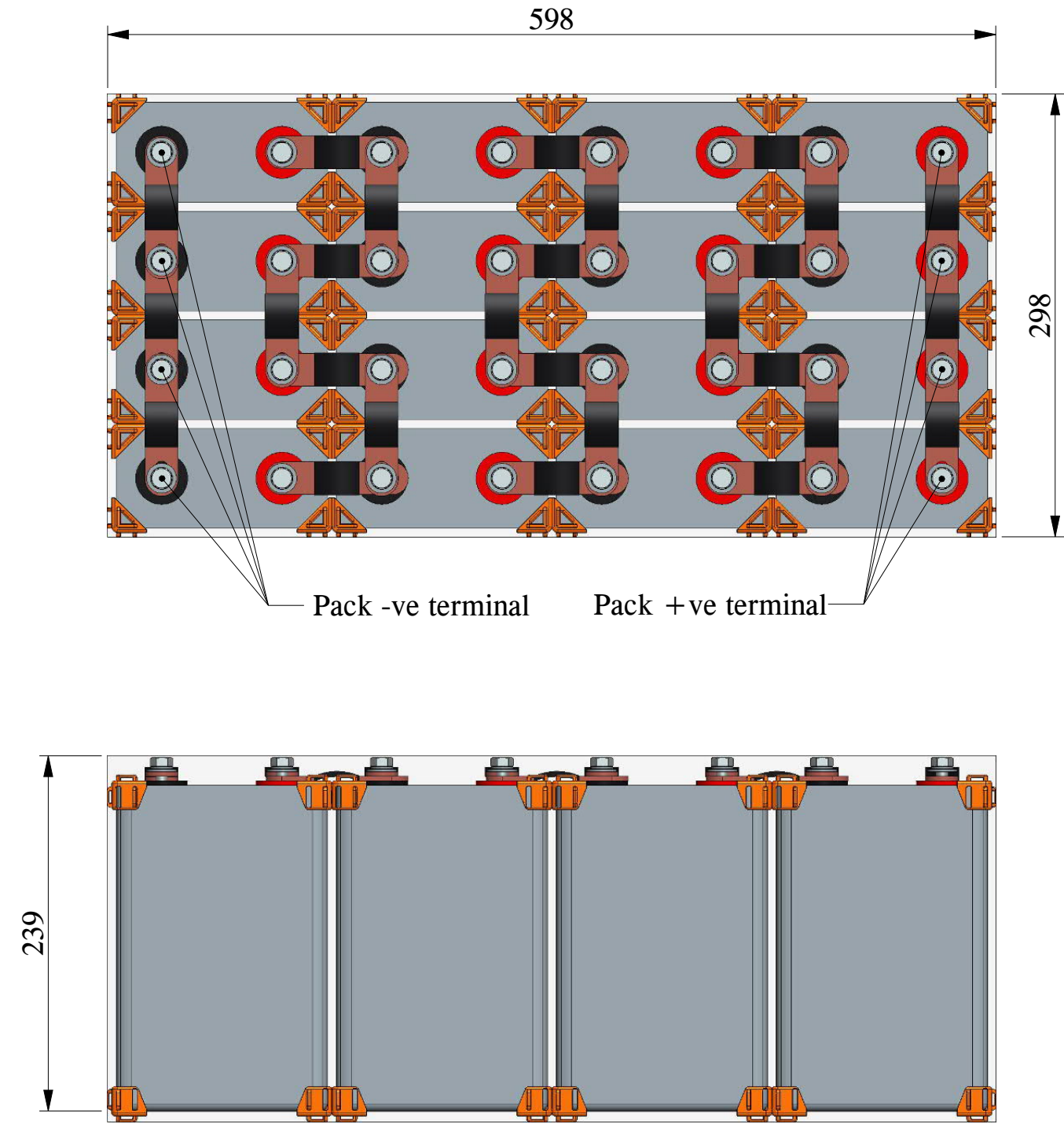


Pack Energy Storage Capacity	3.8 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	300 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	3
Series Cells	4


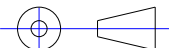
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	ACN 126 091 727		The Battery Volt						Project	
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For		BV-CALB100-3P4SL-12V-AS				Drawing Number	41.42	Mass kg	
			Refer to BOM		Material	Assemble		Process	Finish	
			Initial Release						Current Revision Description	
			Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 9 OF 14		



Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	16
5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	27
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32

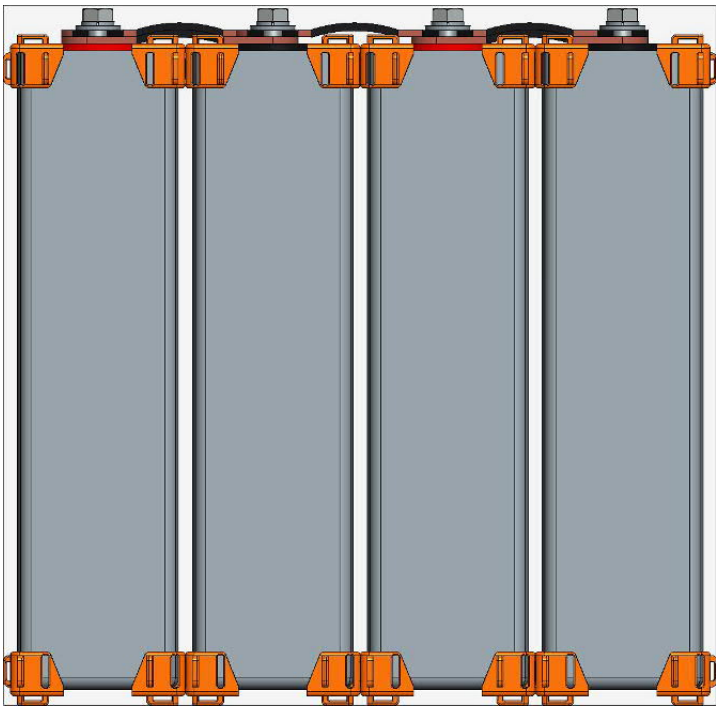
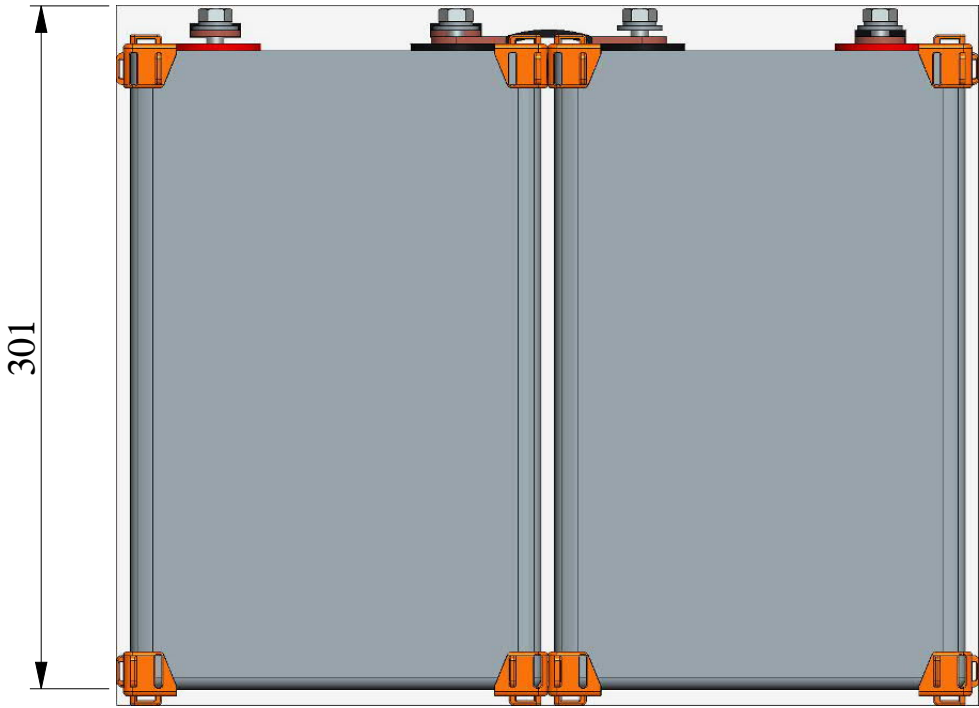
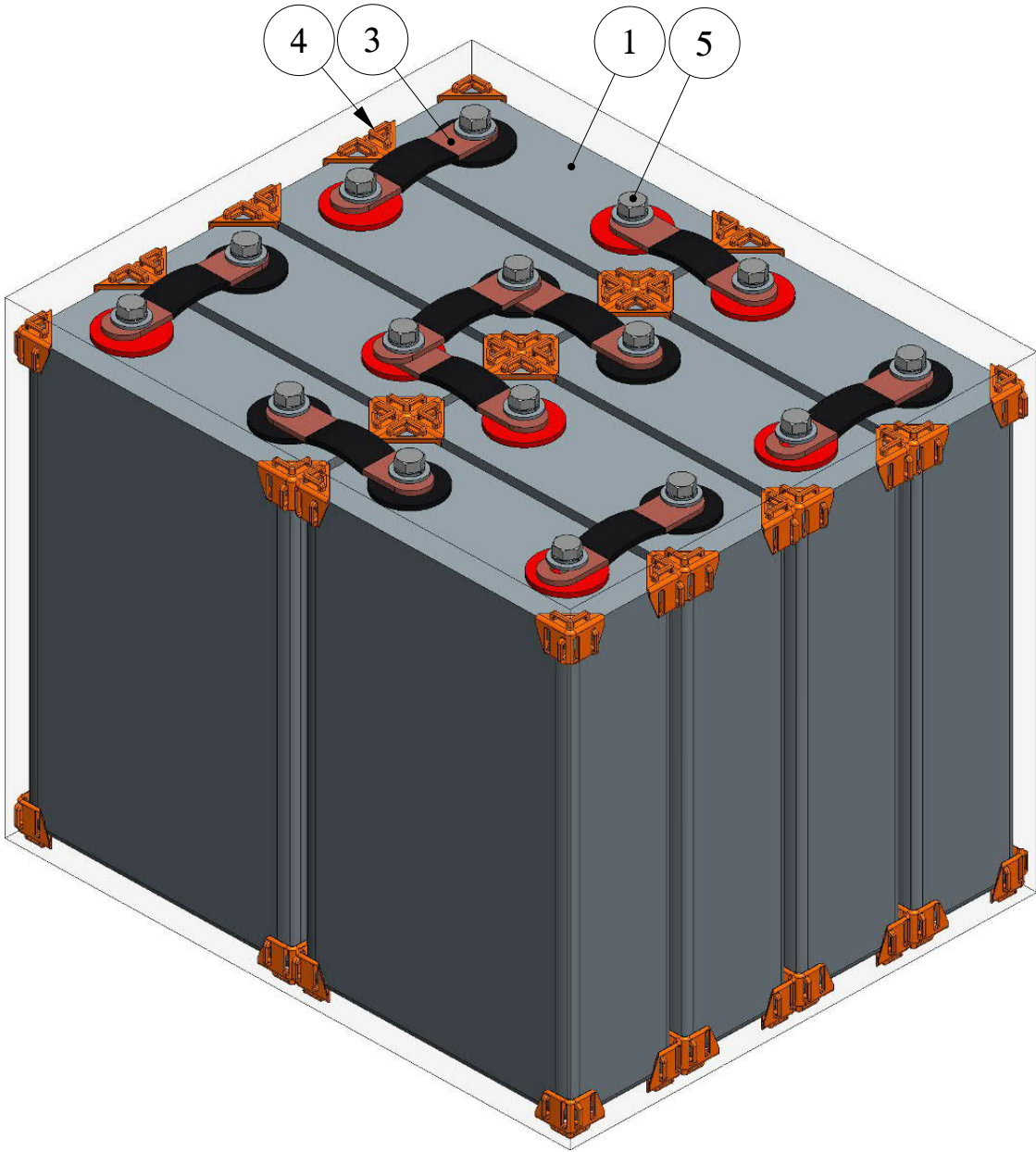
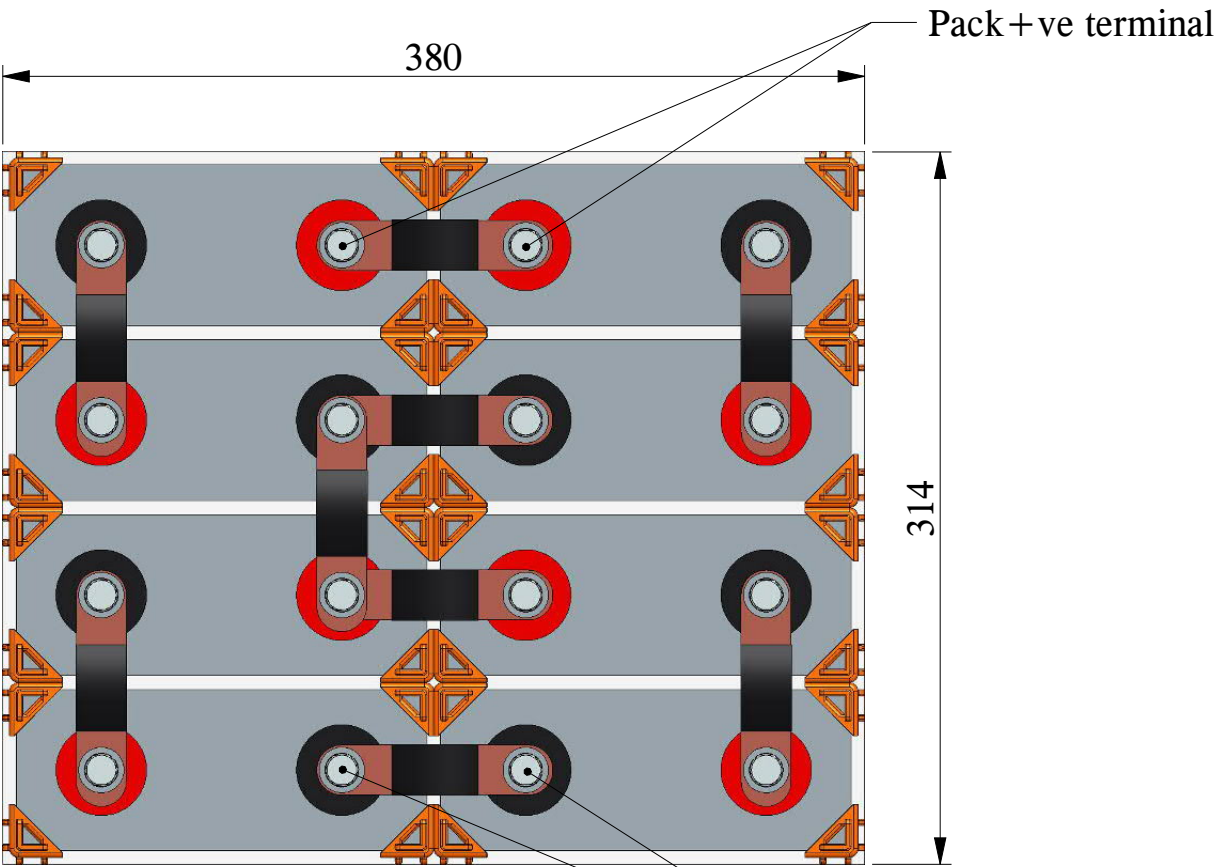


Pack Energy Storage Capacity	5.1 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	400 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	4
Series Cells	4

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED  DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5  HOLE Ø +0.15 ANGLES ± 0.5  	LiFePO4 Battery Pack						Description	
	ACN 126 091 727		The Battery Volt						Project	
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For		BV-CALB100-4P4SL-12V-AS				Drawing Number	41.42	Mass kg	
			Refer to BOM		Material	Assemble		Process	Finish	
			Initial Release						Current Revision Description	
			Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 10 OF 14		



Item	Part Number	REV	Description	Material	Mass Each kg	Qty
1	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	8
3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	9
4	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16



Pack Energy Storage Capacity	4.6 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	360 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	2
Series Cells	4

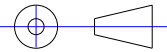


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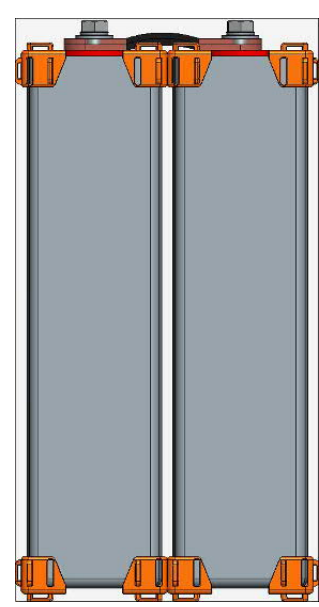
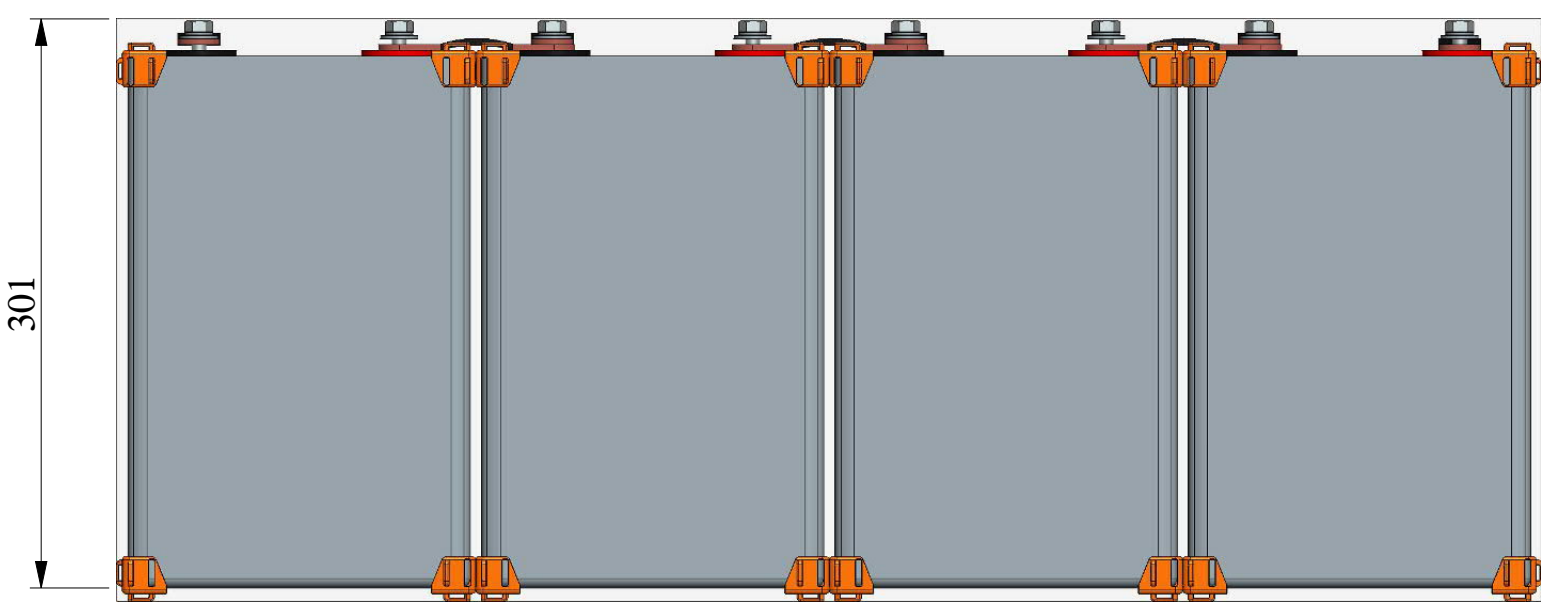
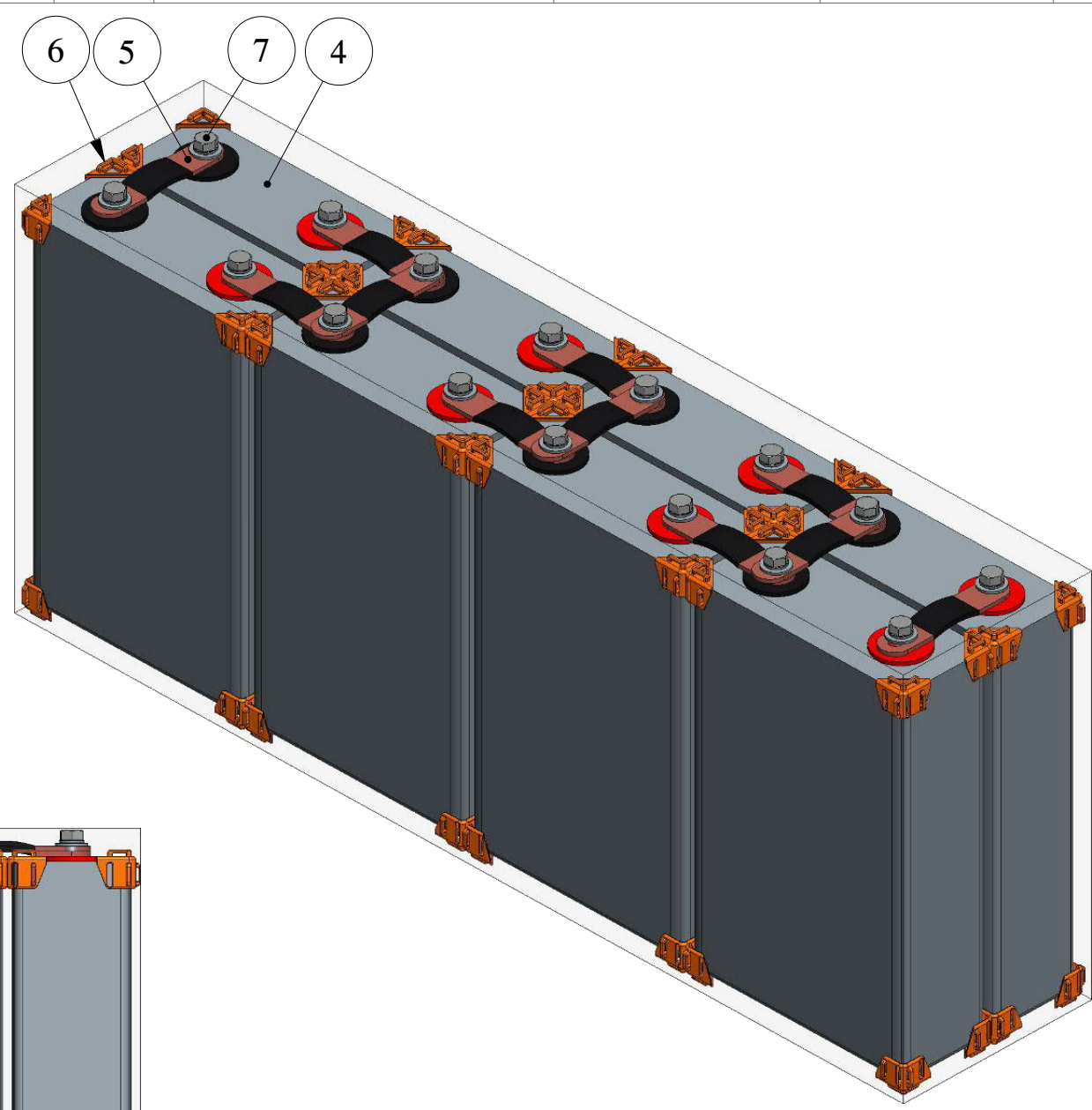
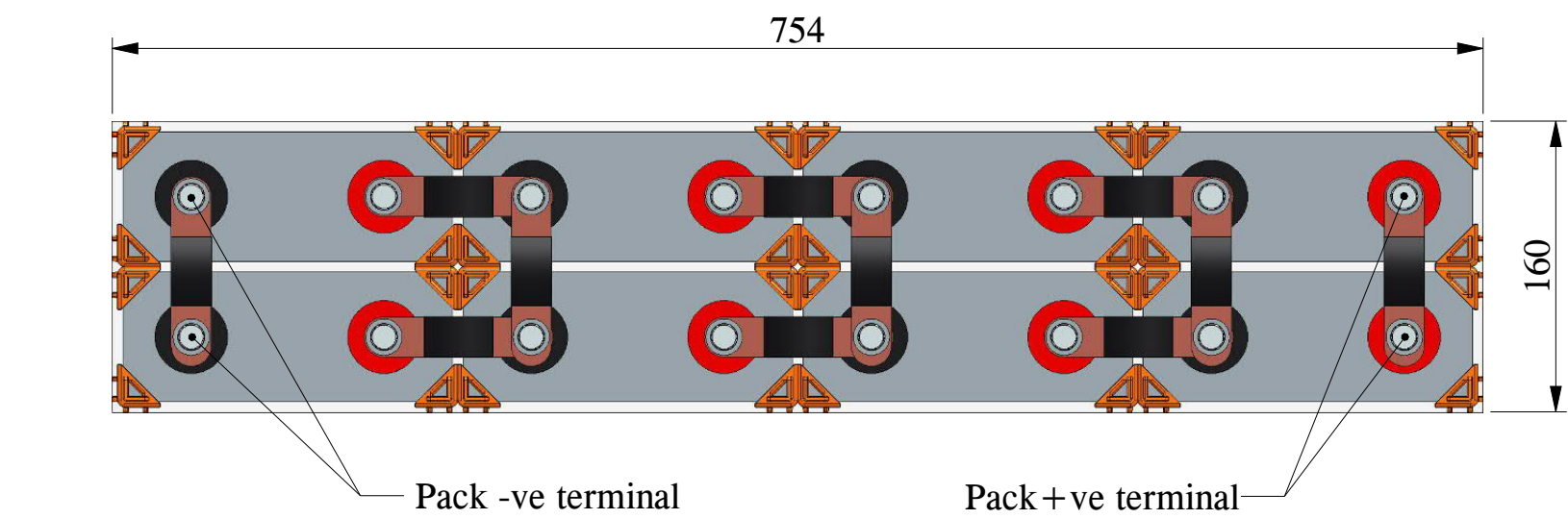
Prepared By  
ACN 126 091 727  
Prepared For

UNLESS OTHERWISE  
STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5




LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB180-2P4S-12V-AS		Drawing Number	Mass kg
		41.42	
Refer to BOM		Material	Process
		Assemble	Finish
Initial Release		Current Revision Description	
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
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Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	8
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	11
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16



Pack Energy Storage Capacity	4.6 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	360 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	2
Series Cells	4



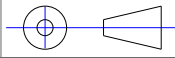
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Prepared By

ACN 126 091 727

Prepared For

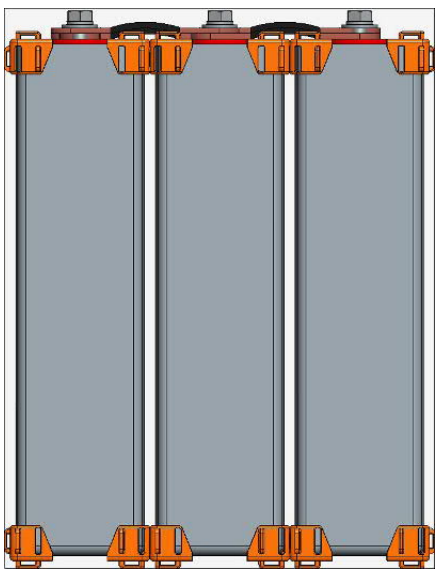
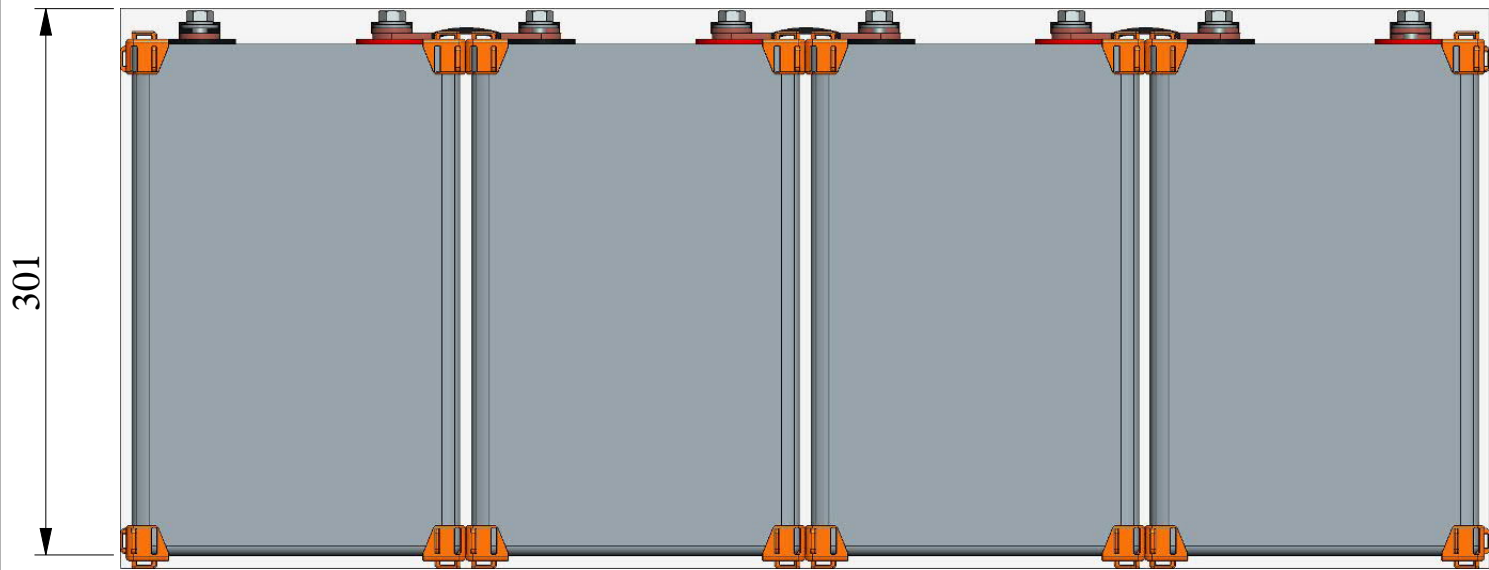
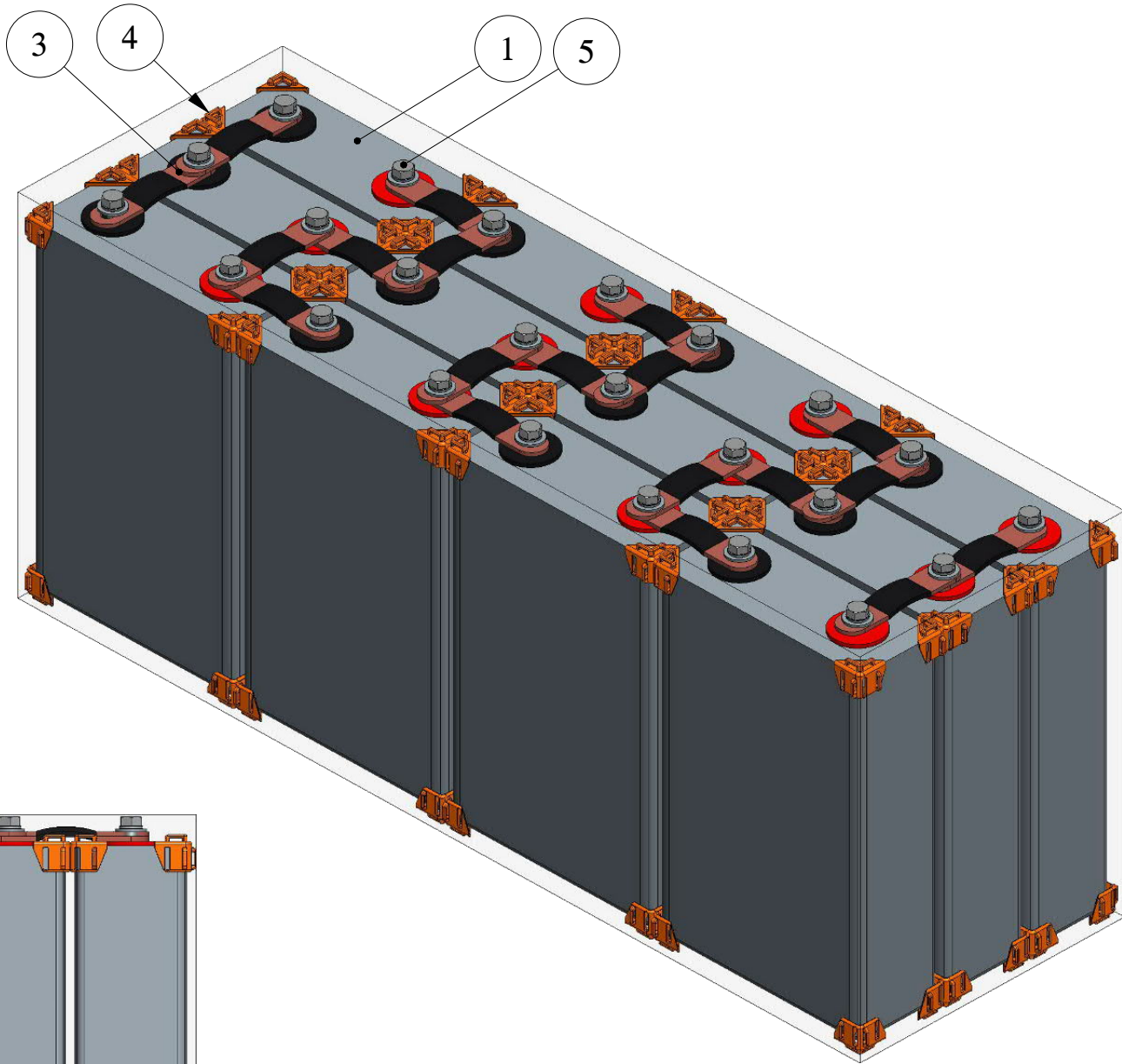
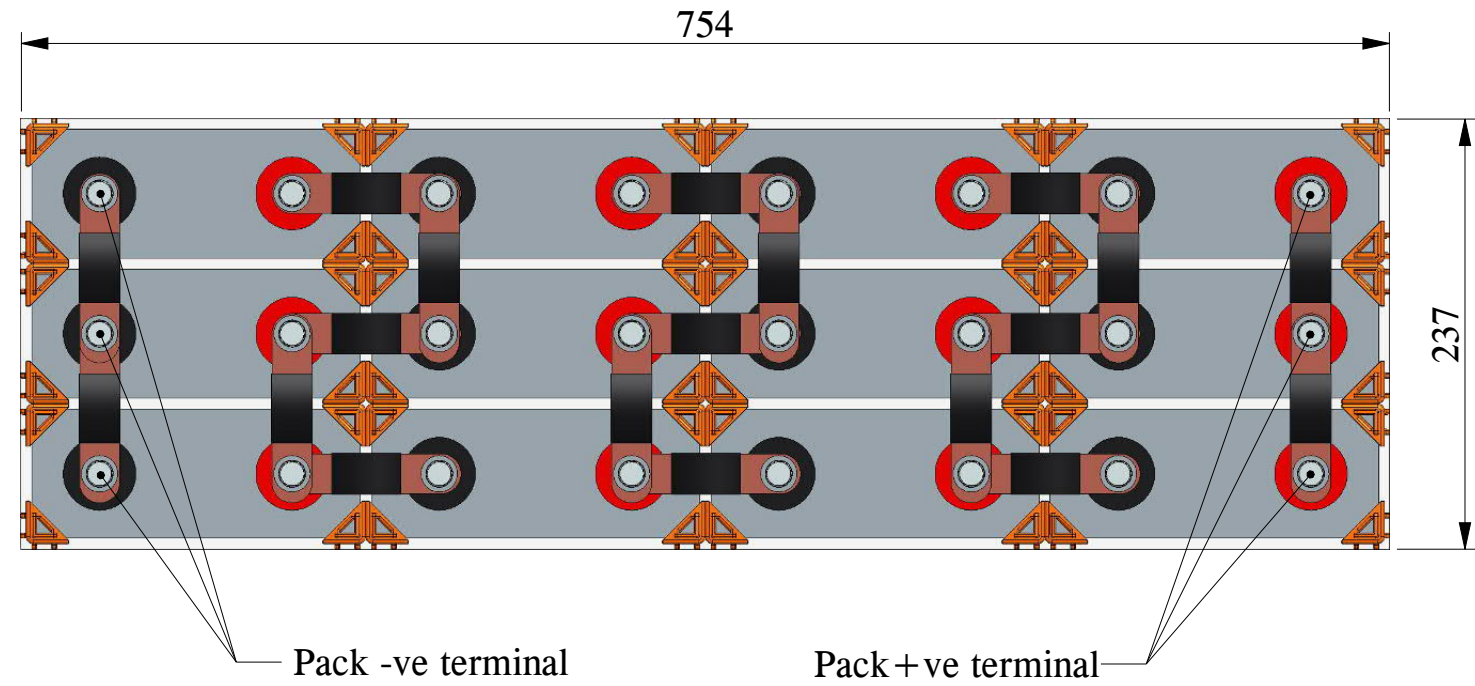
UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5




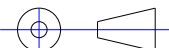
LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB180-2P4SL-12V-AS		Drawing Number	41.42
Refer to BOM		Material	Assemble
Initial Release		Current Revision Description	
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
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Item	Part Number	REV	Description	Material	Mass Each kg	Qty
1	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	12
3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	19
4	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	24

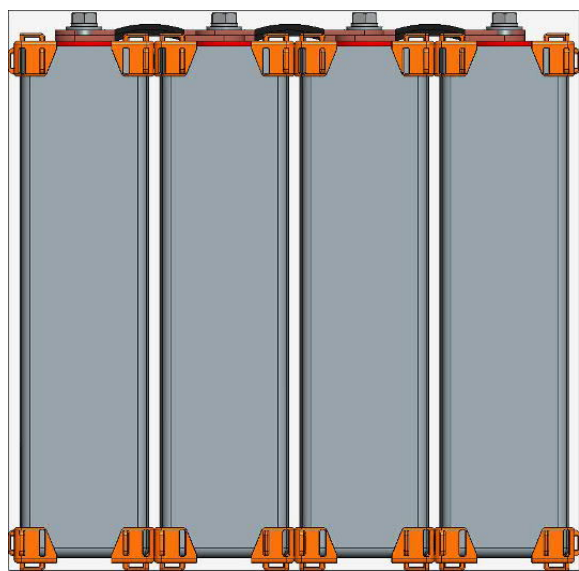
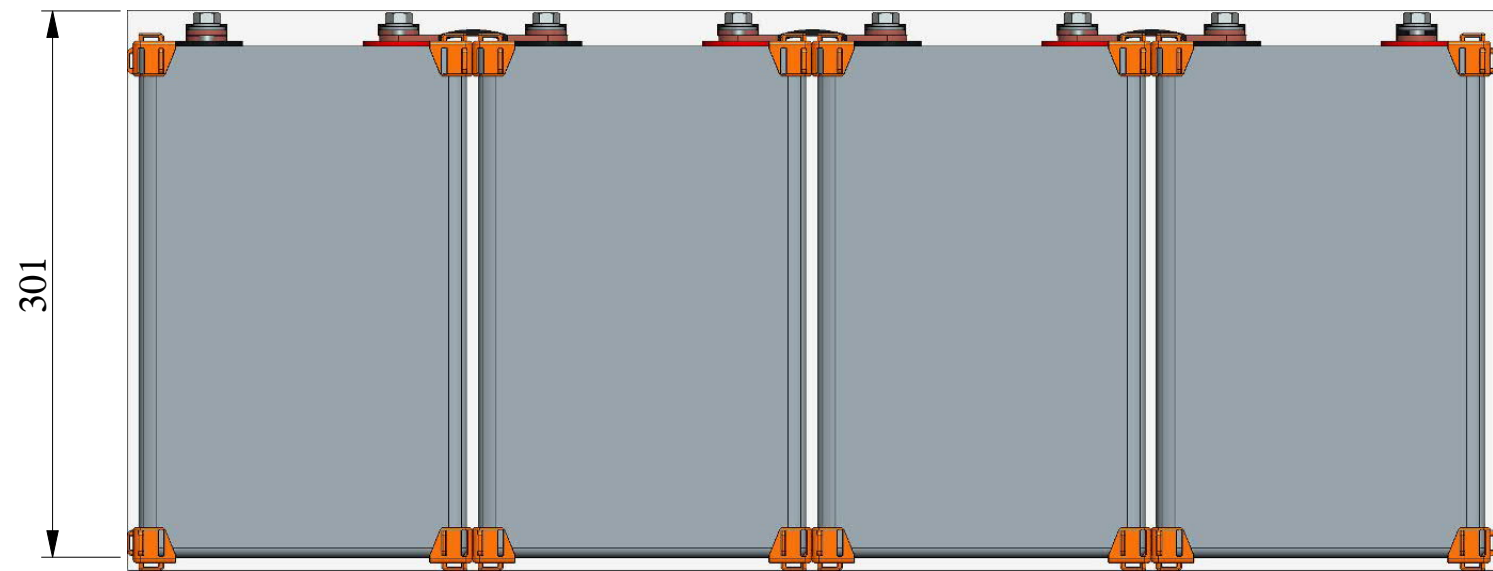
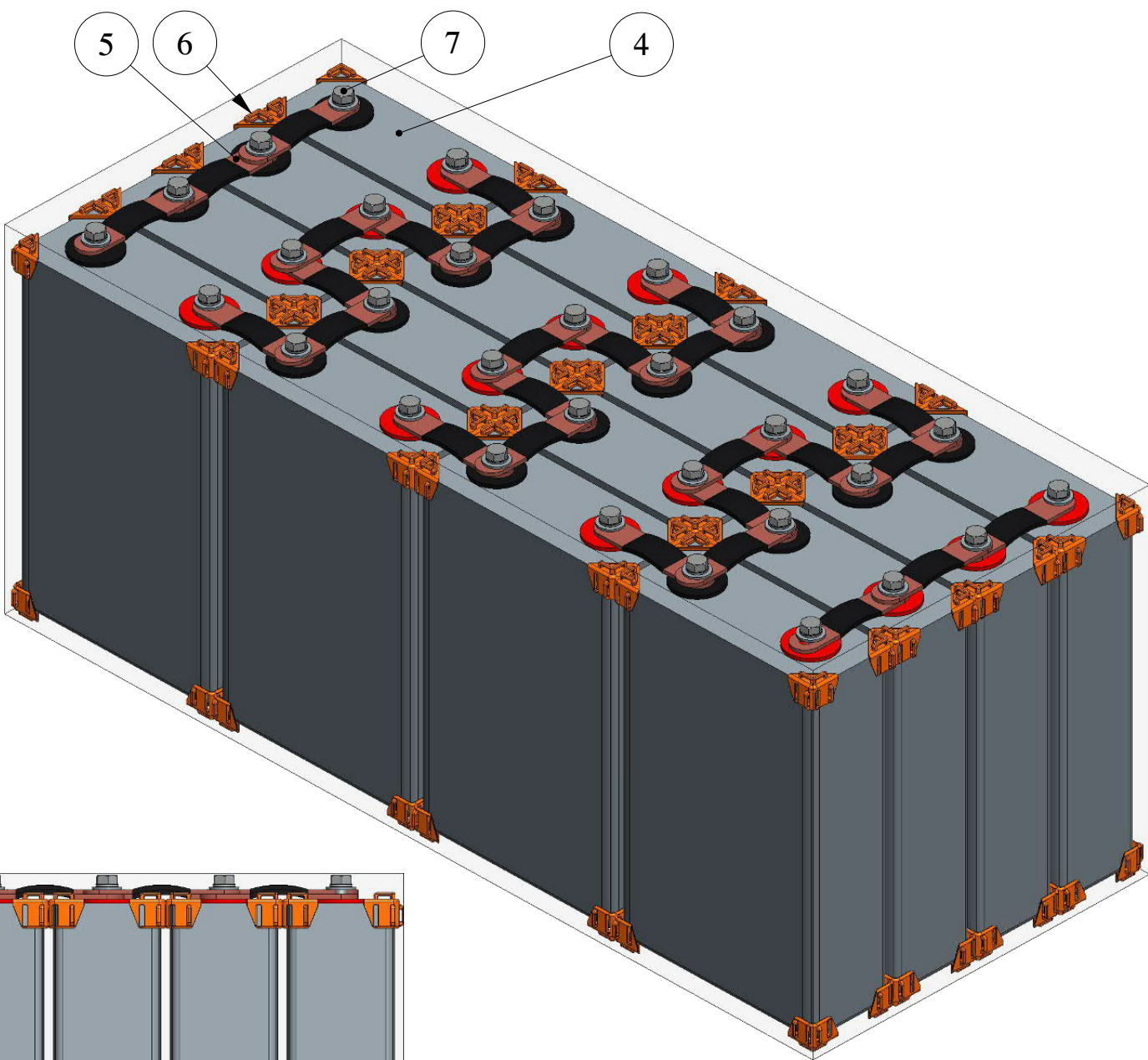
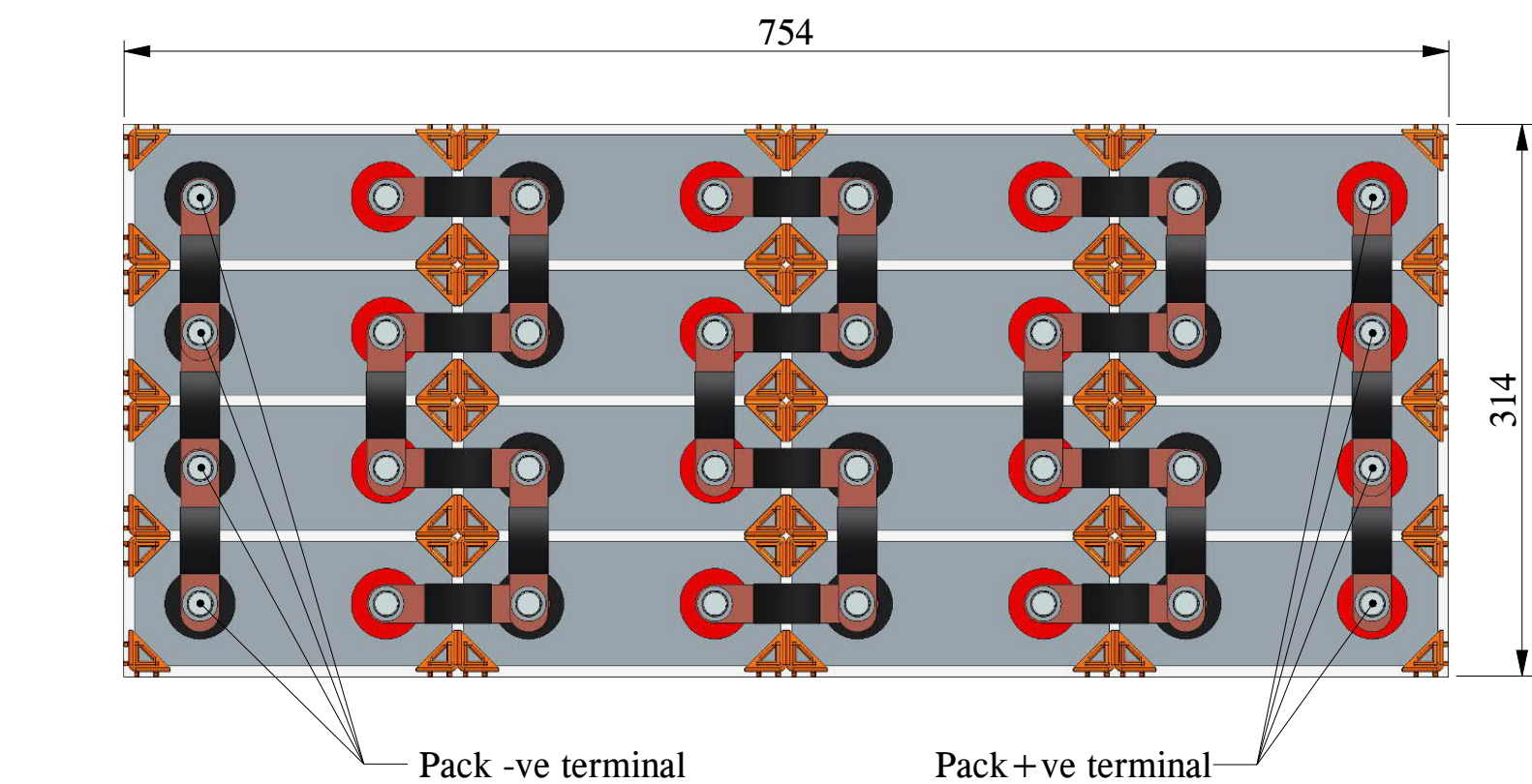


Pack Energy Storage Capacity	6.9 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	540 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	3
Series Cells	4

 <b>GreenStorm</b> Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED  DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5  HOLE Ø +0.15 ANGLES ± 0.5  	LiFePO4 Battery Pack						Description	
	ACN 126 091 727		The Battery Volt						Project	
<b>SeaStorm Marine Pty Ltd</b> www.seastorm.com.au	Prepared For		BV-CALB180-3P4SL-12V-AS				Drawing Number	41.42	Mass kg	
			Refer to BOM		Material	Assemble		Process	Finish	
			Initial Release						Current Revision Description	
			Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 13 OF 14		



Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	16
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	27
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	9.2 kWh
Pack Nominal Voltage	12 V
Pack Current Capacity	720 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	4
Series Cells	4

Prepared By		UNLESS OTHERWISE STATED DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5 HOLE Ø +0.15 ANGLES ± 0.5		LiFePO4 Battery Pack		Description
GreenStorm Solutions www.greenstorm.com.au		ACN 126 091 727		The Battery Volt		Project
SeaStorm Marine Pty Ltd www.seastorm.com.au		Prepared For		BV-CALB180-4P4SL-12V-AS		Mass kg
				Refer to BOM		Finish
				Initial Release		Current Revision Description
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 14 OF 14	