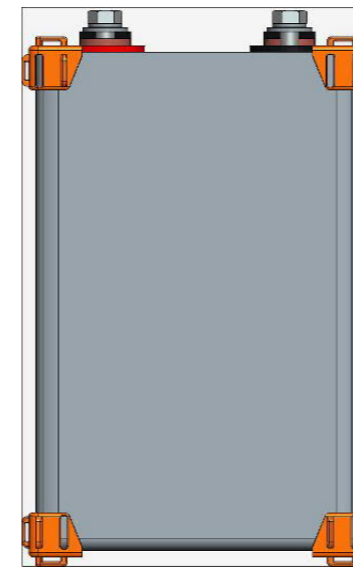
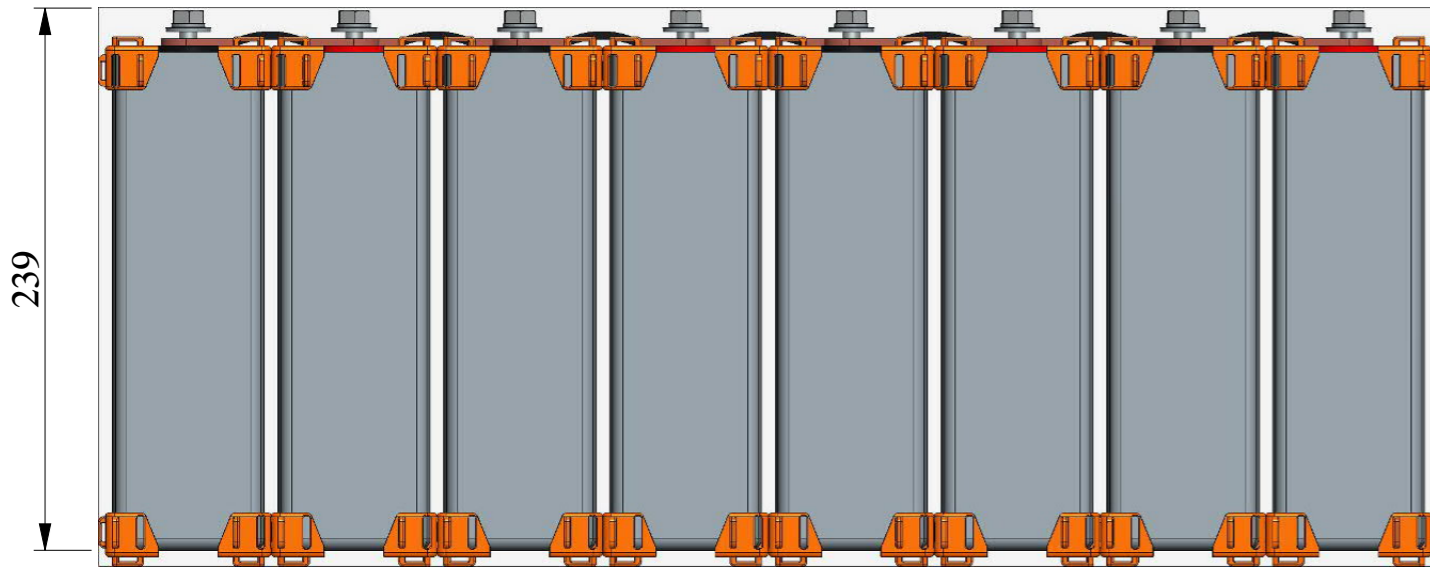
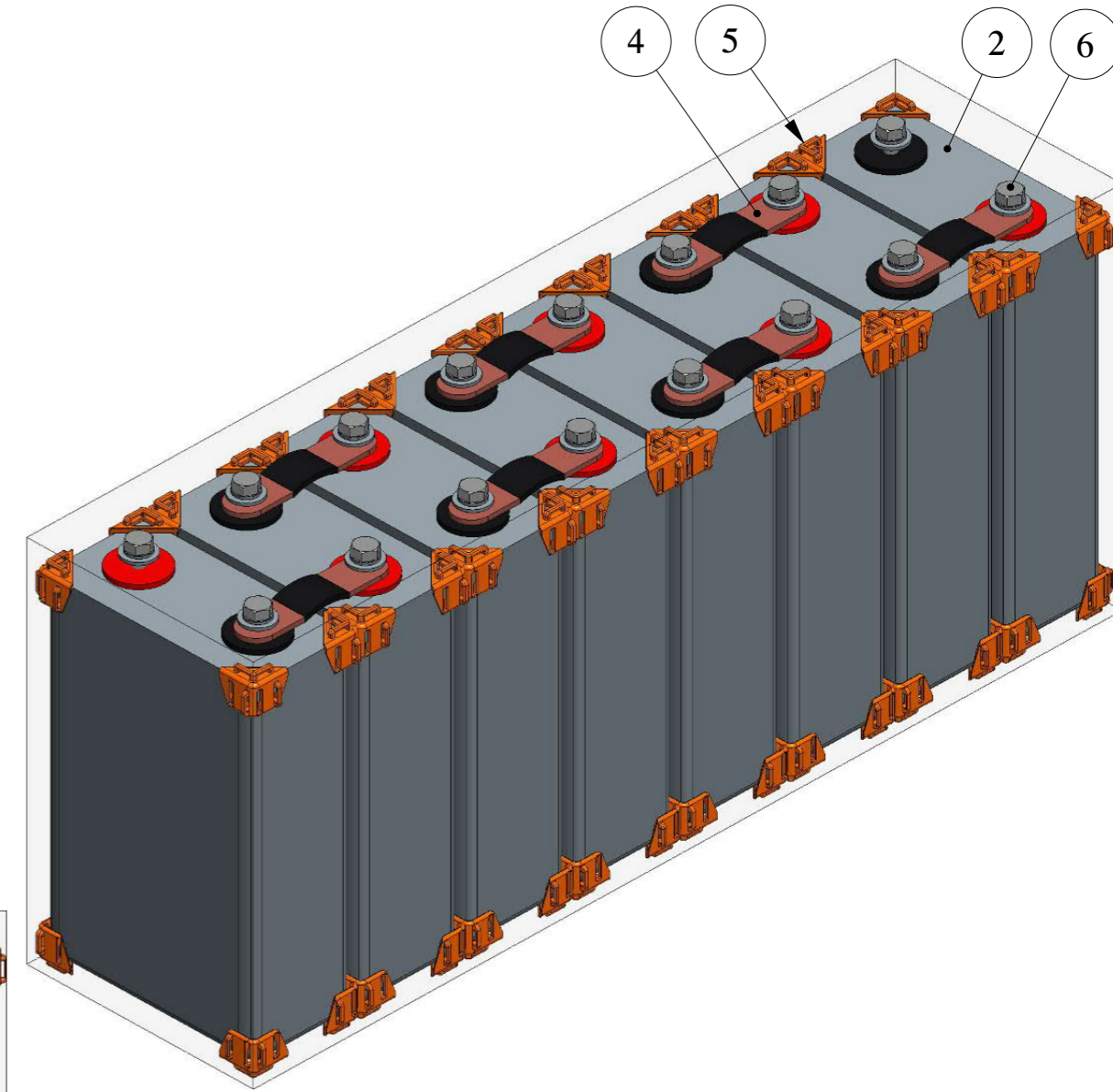
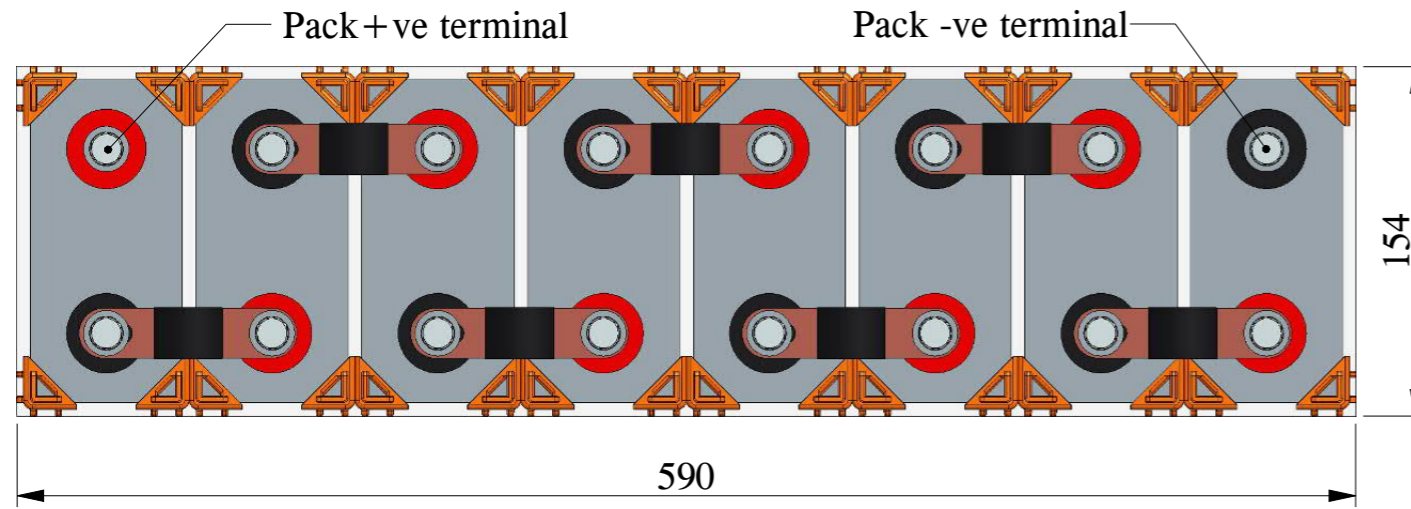



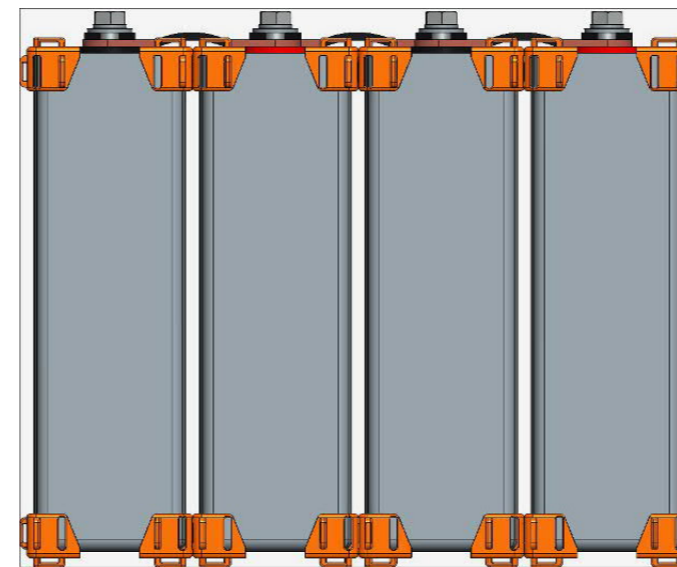
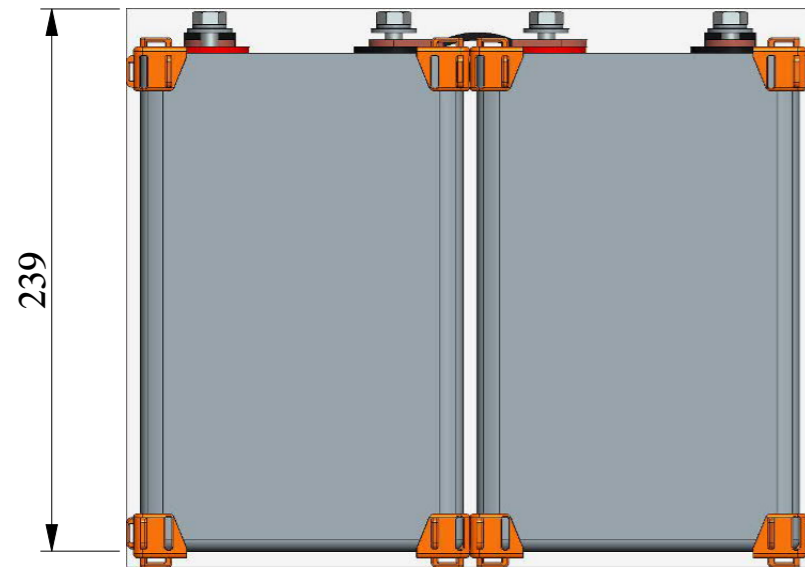
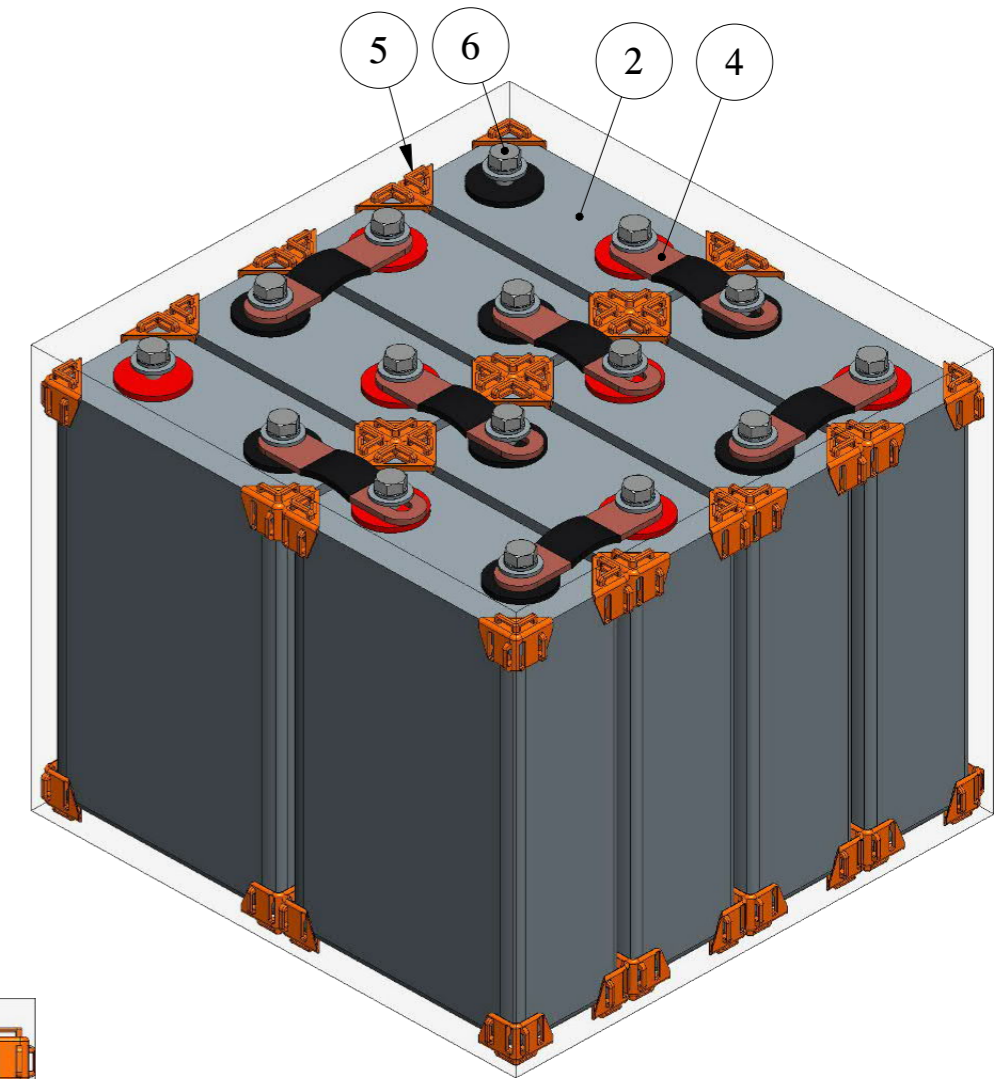
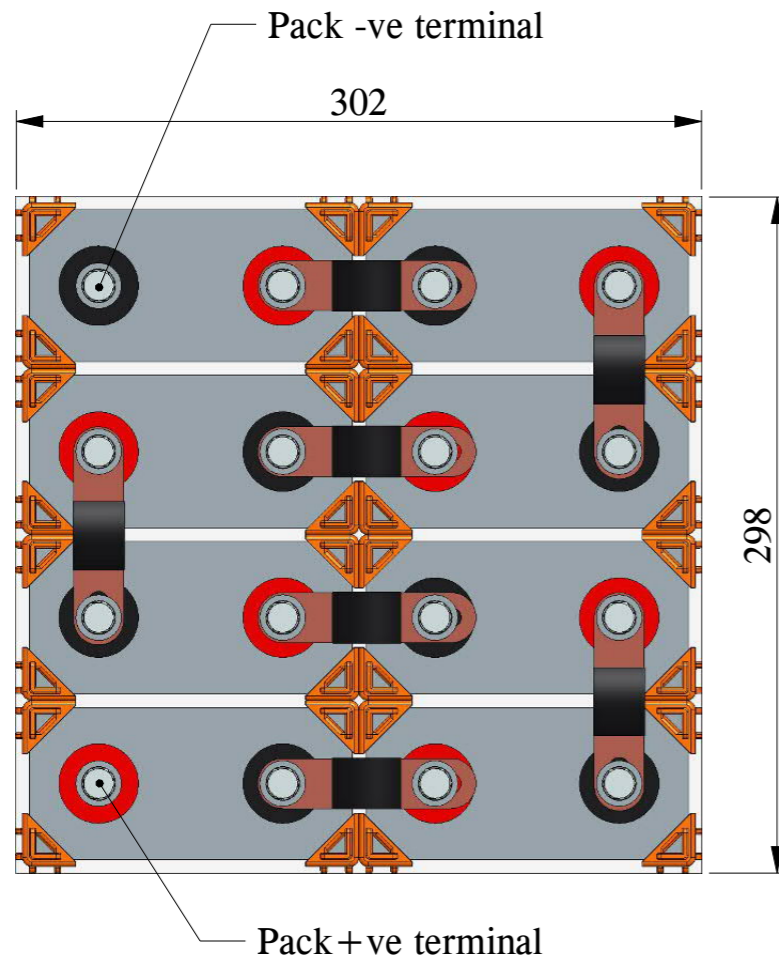
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	8
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	7
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel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




Pack Energy Storage Capacity	2.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	8

 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	Prepared For	The Battery Volt		Project
SeaStorm Marine Pty Ltd www.seastorm.com.au	Drawing Number BV-CALB100-1P8S-24V-AS		41.42	Mass kg	
	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 16

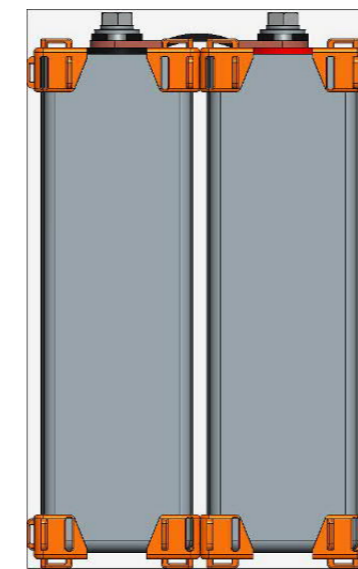
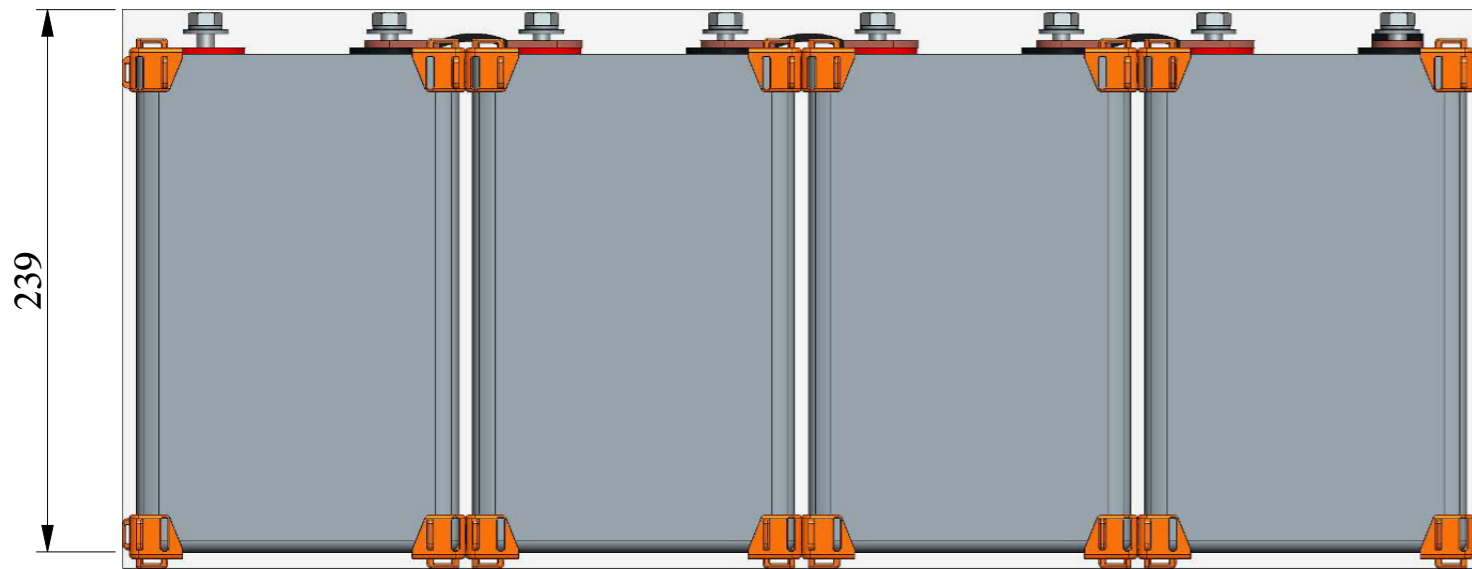
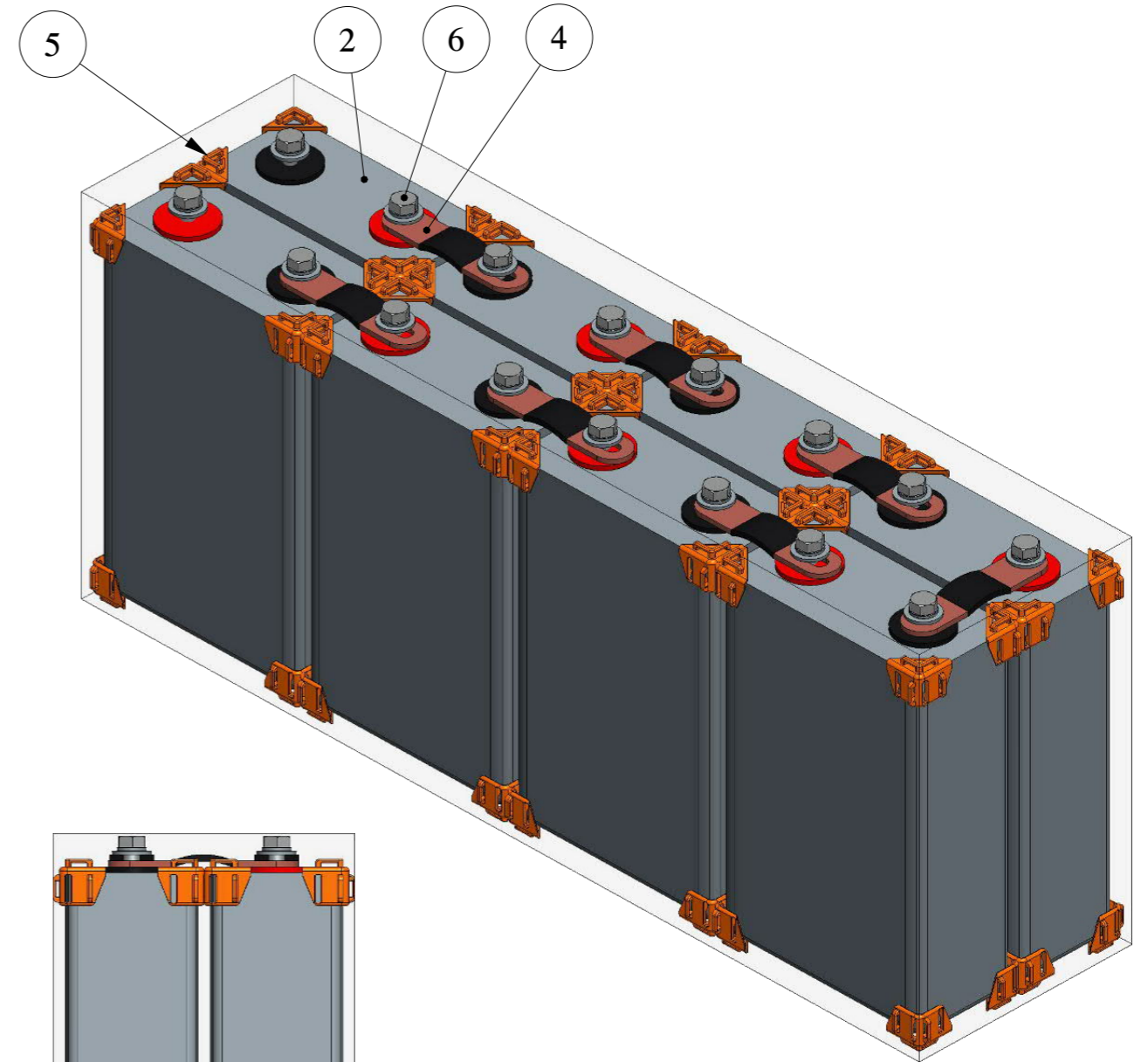
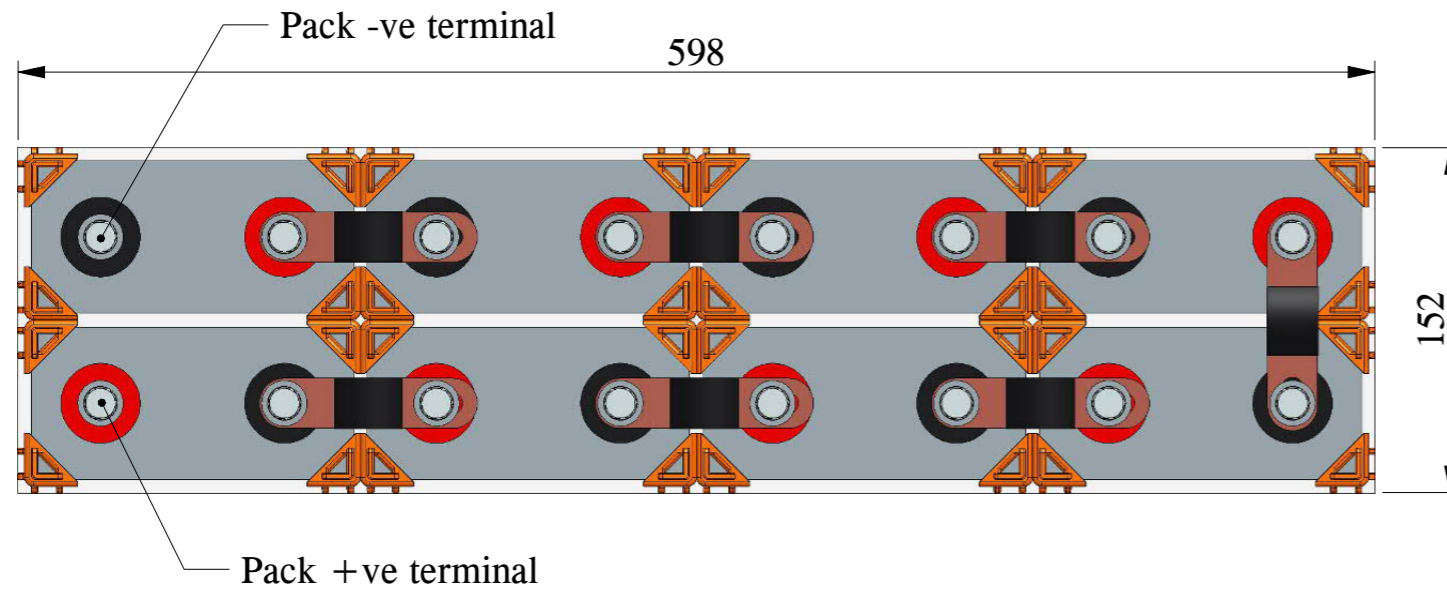
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	8
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	7
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel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




Pack Energy Storage Capacity	2.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	8

 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	Drawing Number BV-CALB100-1P8S-2X4-24V-AS	41.42		Mass kg
			Material	Assemble	Process
Initial Release			Current Revision Description		
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 2 OF 16

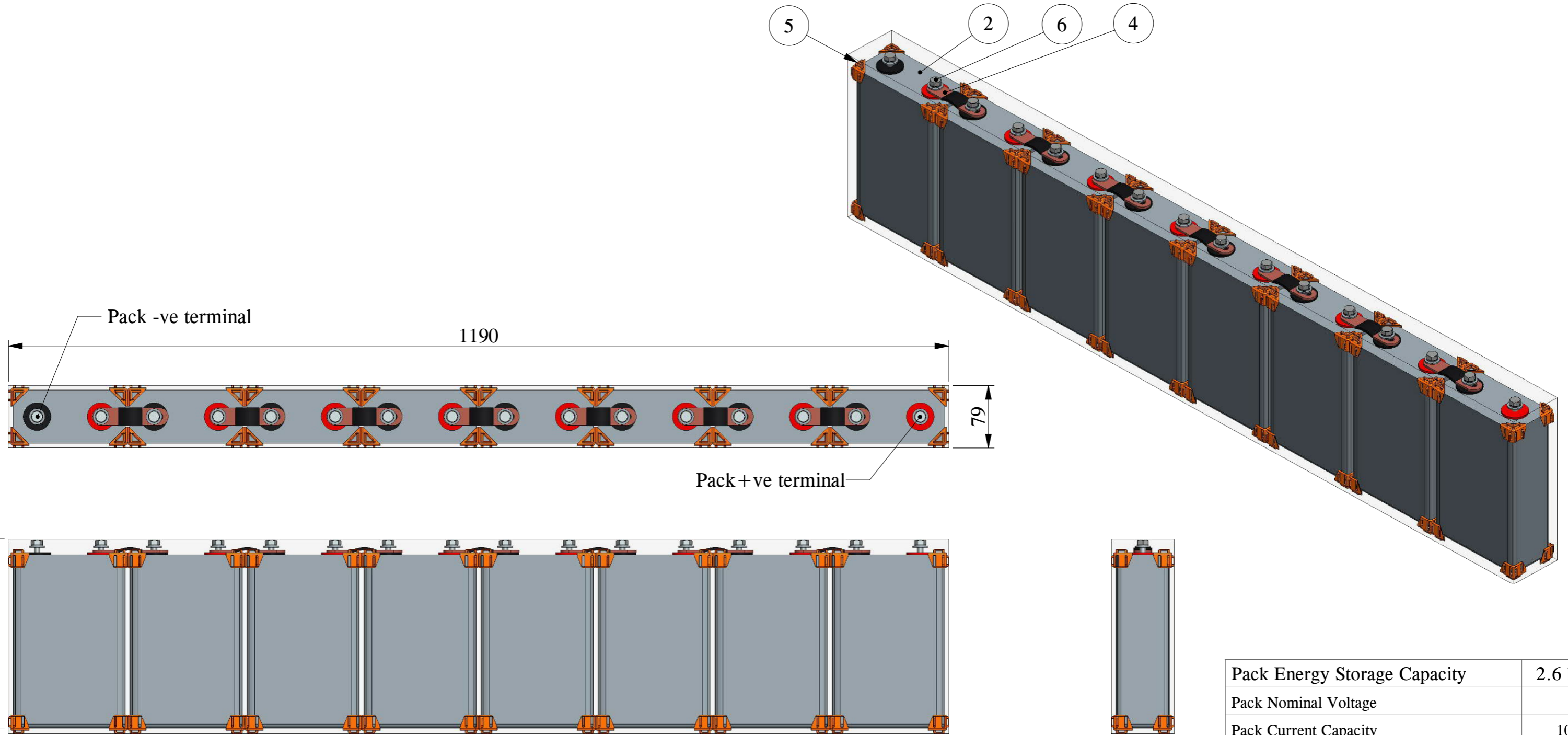
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	8
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	7
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel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




Pack Energy Storage Capacity	2.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	8

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED				Description
	ACN 126 091 727	DIMS ARE IN MM				
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For	TOLERANCES		Drawing Number		Mass kg
		x.xx ± 0.01 x.x ± 0.1 x ± 0.5 HOLE Ø +0.15 ANGLES ± 0.5		BV-CALB100-1P8S-4X2-24V-AS		41.42
		Material	Assemble	Process	Finish	
		Initial Release				Current Revision Description
Designed	Drawn	Checked	Approved	Revision	Sheet No	
DH	DH	DH	DH	A	3 OF 16	
01Oct20	01Oct20	08Oct20	08Oct20	08Oct20		

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	7
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

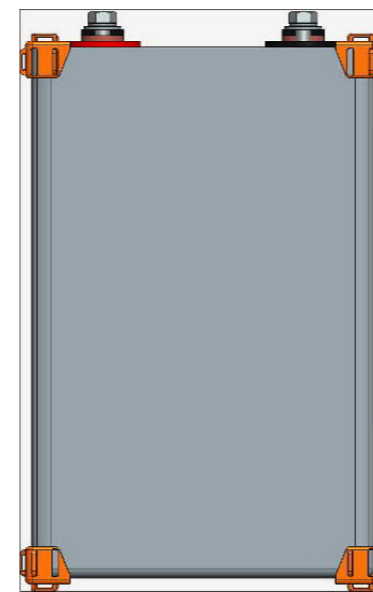
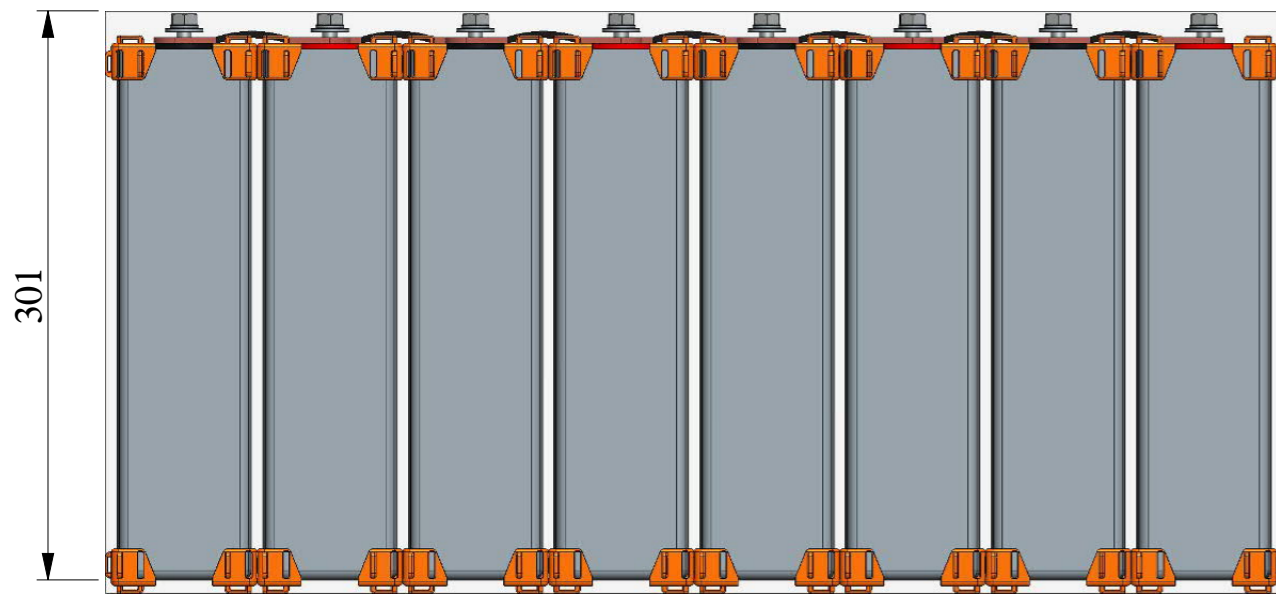
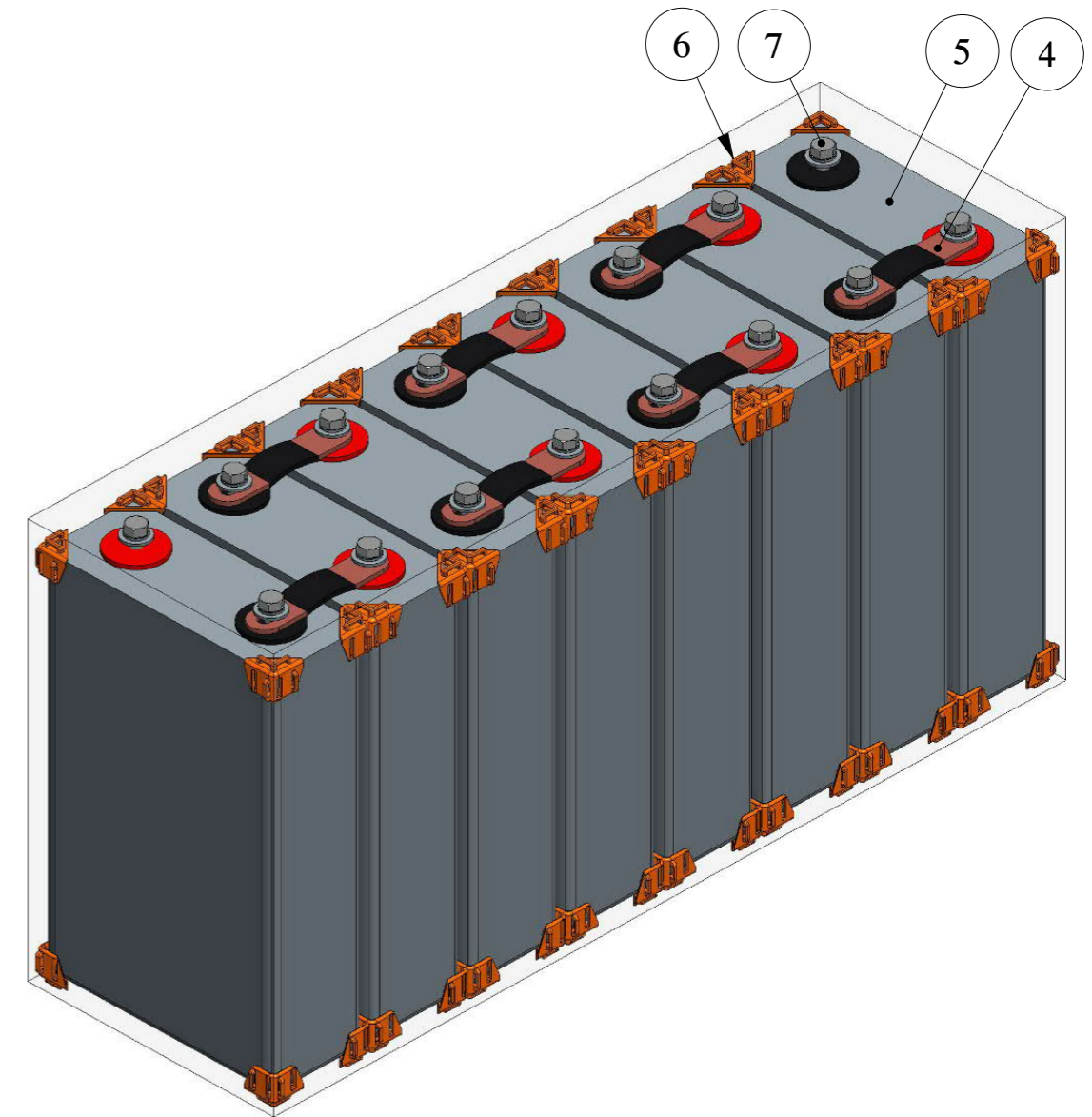
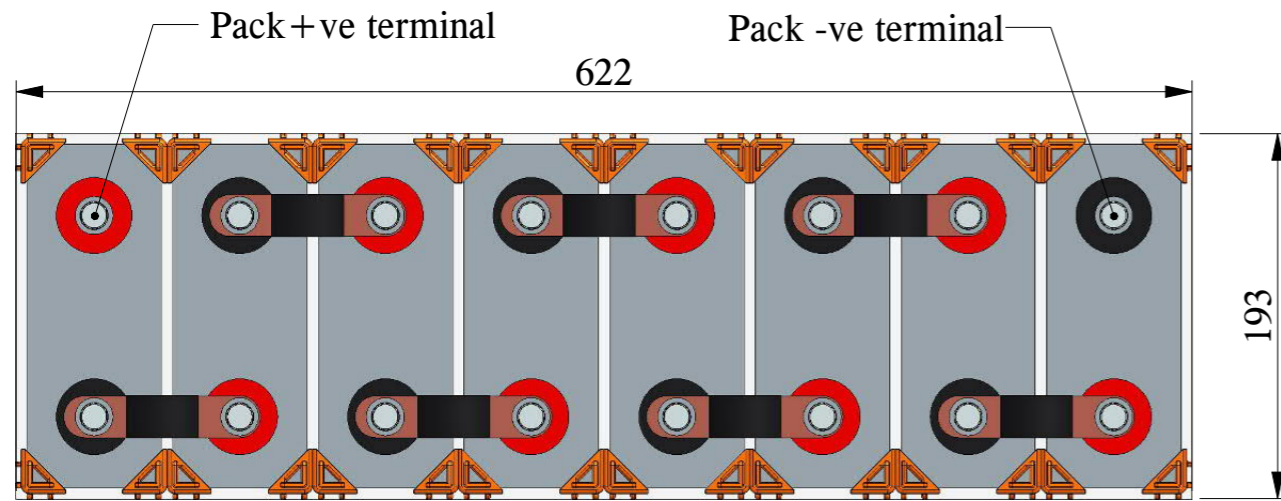


Pack Energy Storage Capacity	2.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	8


 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 \varnothing +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	Drawing Number BV-CALB100-1P8SL-24V-AS 41.42	Material	Process	Mass kg
			Assemble	Finish	
Initial Release			Current Revision Description		
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 4 OF 16

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Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	7
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	8
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



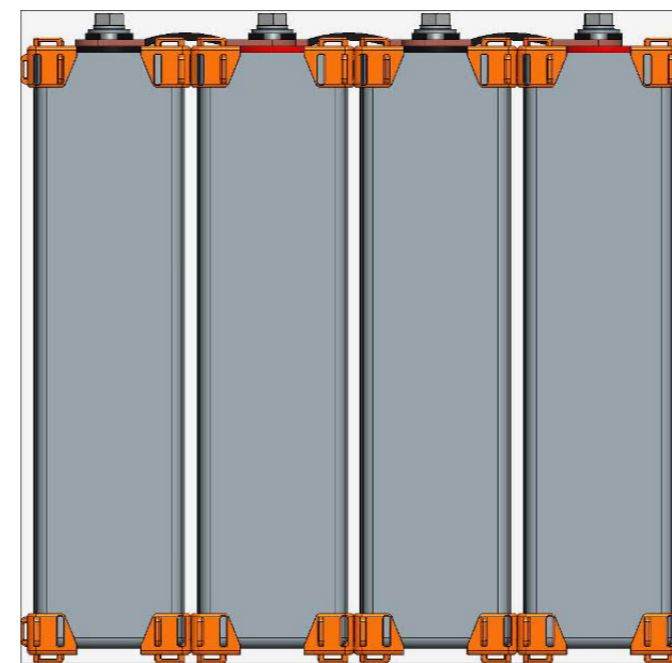
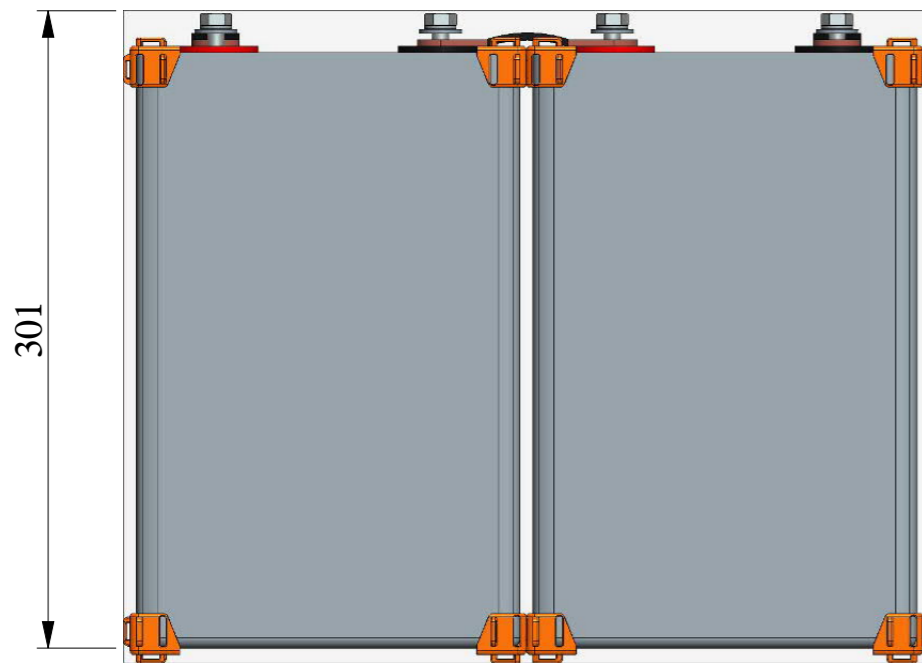
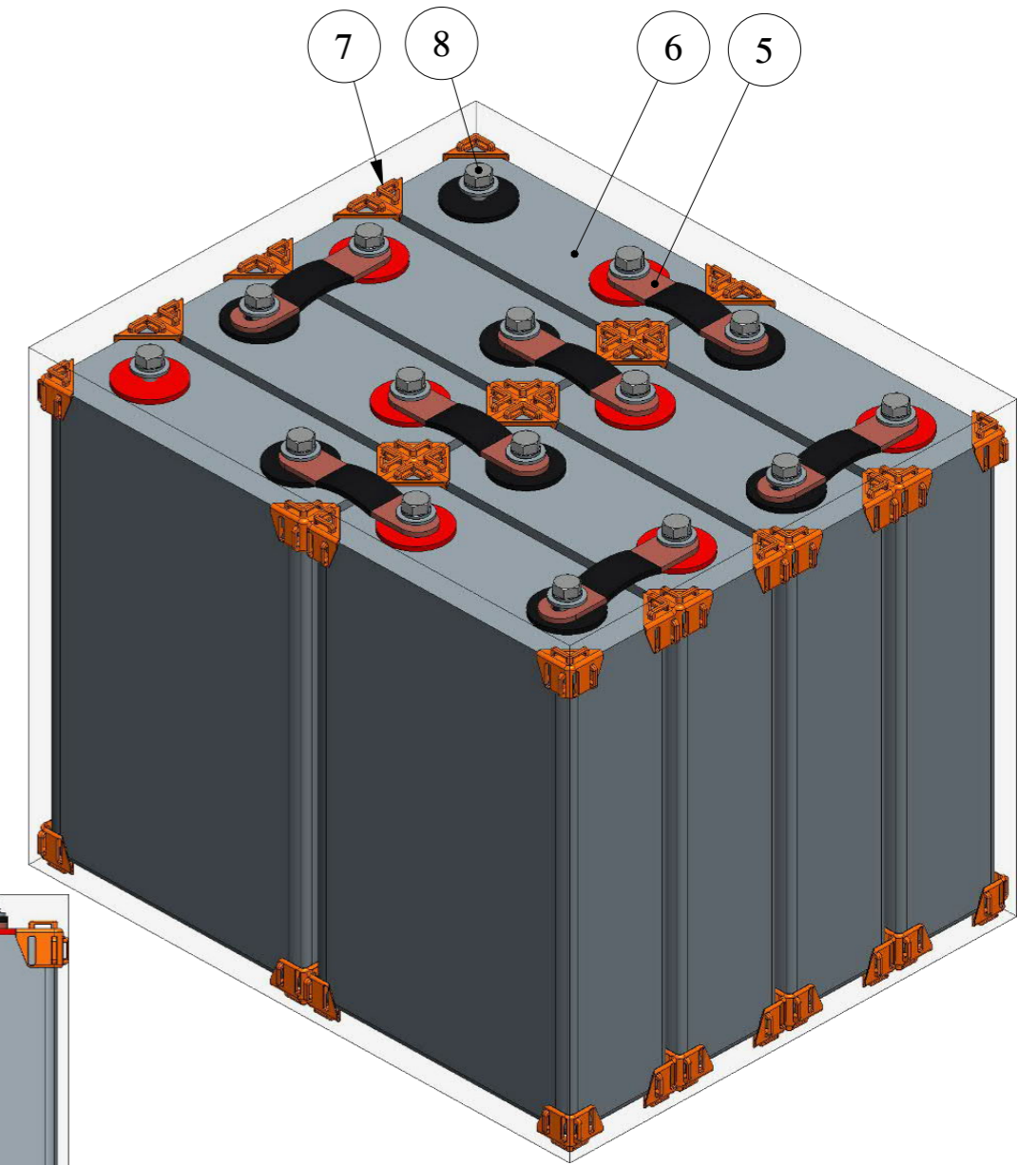
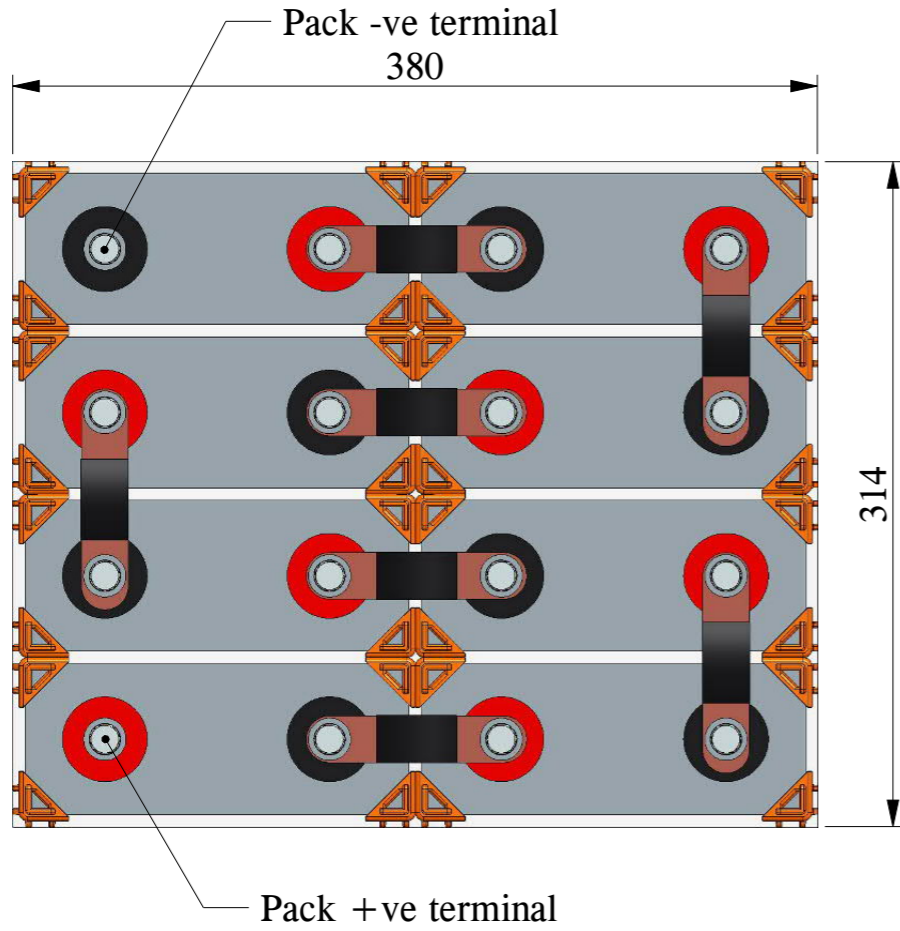
Pack Energy Storage Capacity	4.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	8

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED				LiFePO4 Battery Pack
	ACN 126 091 727	DIMS ARE IN MM				The Battery Volt
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For	TOLERANCES				BV-CALB180-1P8S-24V-AS
		x.xx ± 0.01 x.x ± 0.1 x ± 0.5 HOLE Ø +0.15 ANGLES ± 0.5				Drawing Number
		Material		Process		41.42
		Assemble		Finish		
		Initial Release				Current Revision Description
Designed	Drawn	Checked	Approved	Revision	Sheet No	
DH	DH	DH	DH	A	5 OF 16	
01Oct20	01Oct20	08Oct20	08Oct20	08Oct20		


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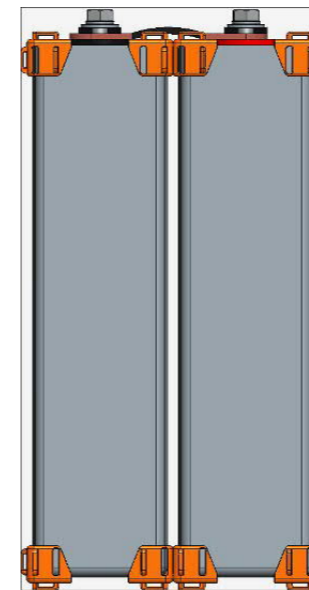
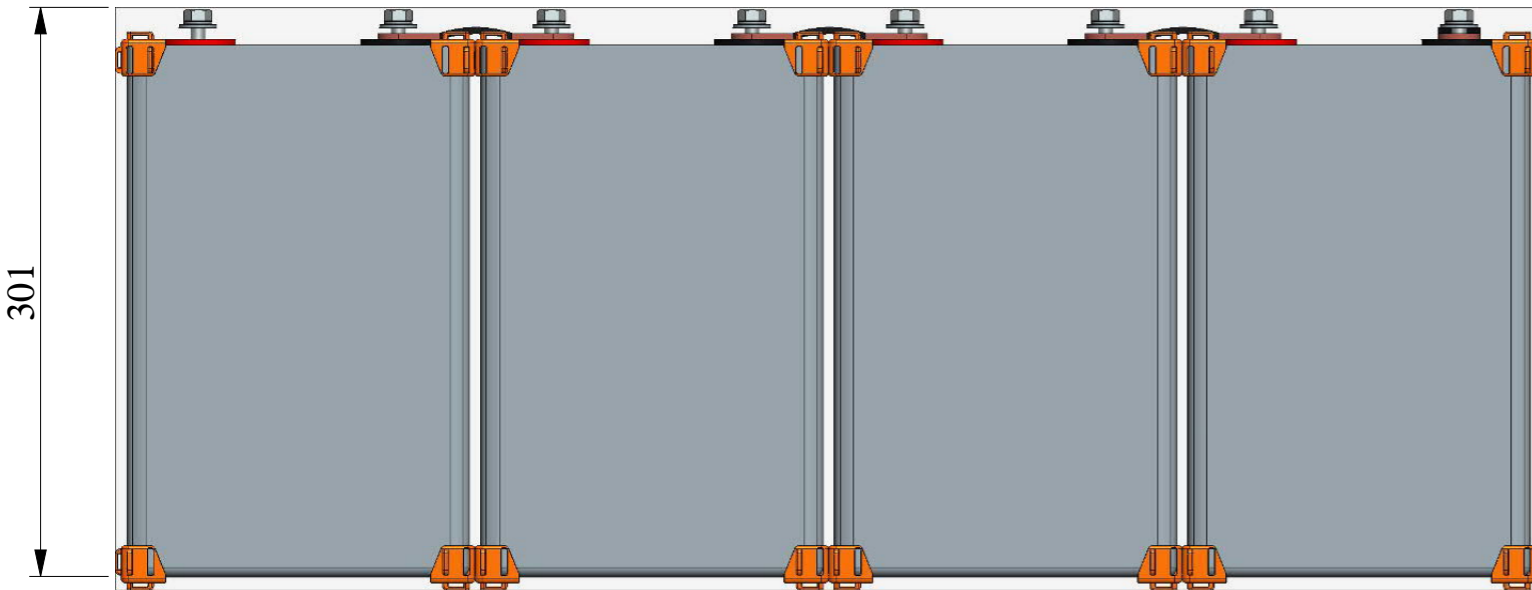
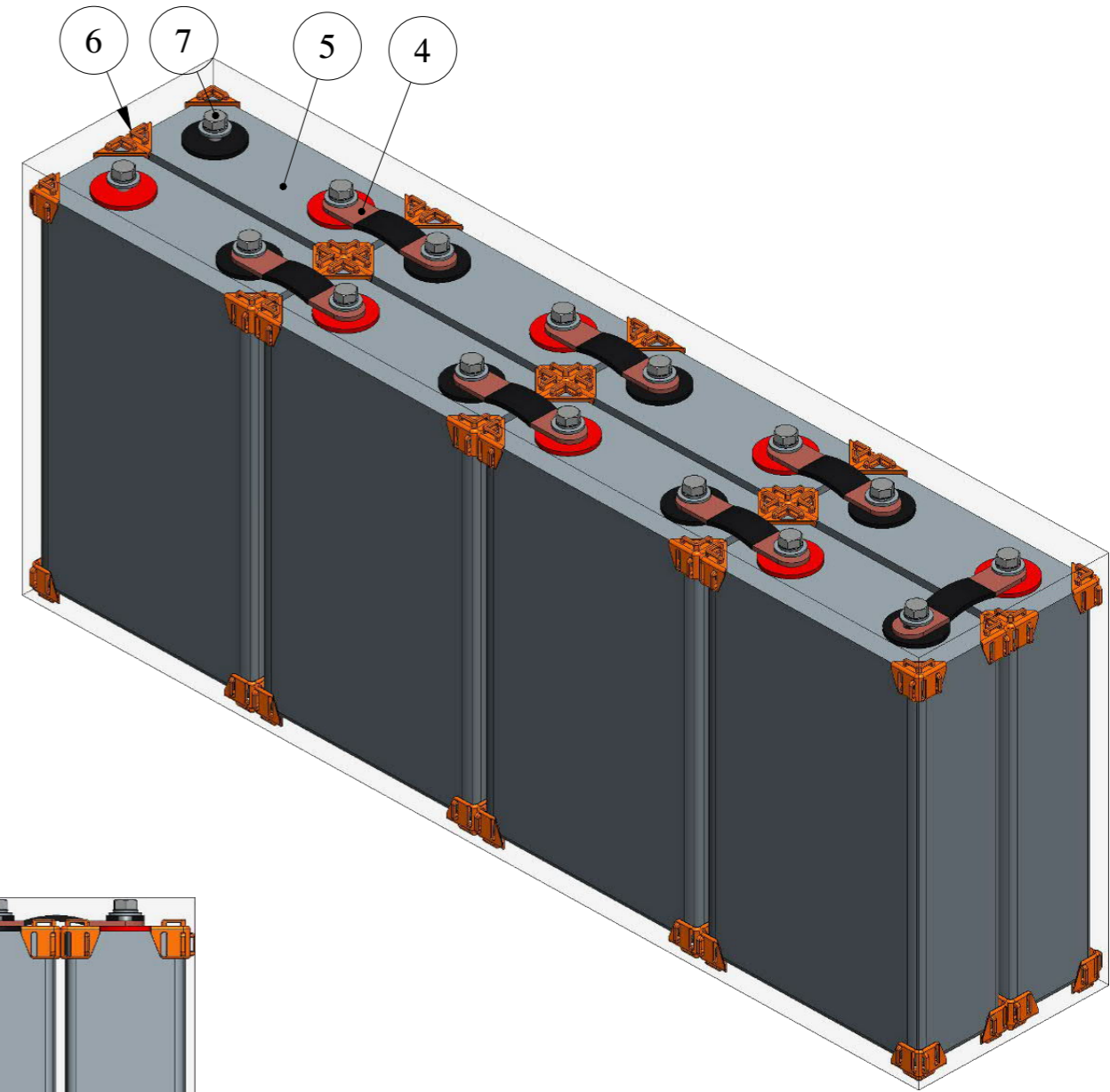
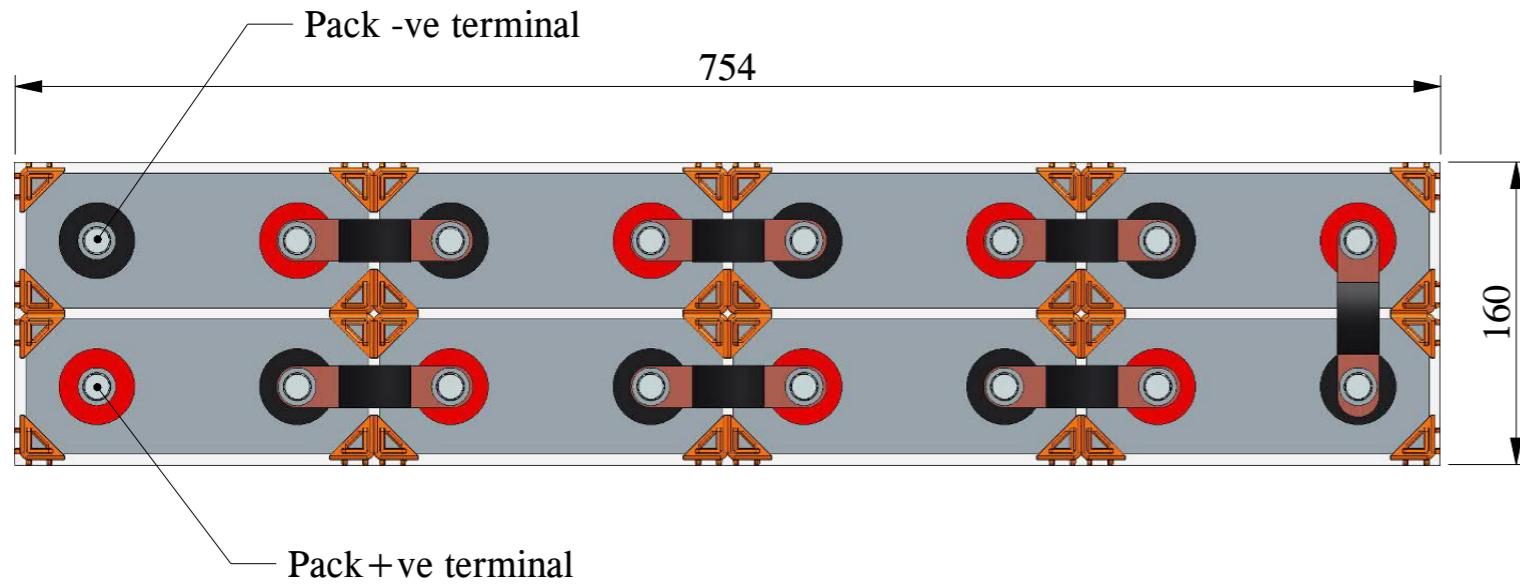
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	7
6	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	8
7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16




Pack Energy Storage Capacity	4.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	8

 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 \varnothing +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-CALB180-1P8S-2X4-24V-AS	Drawing Number	41.42	Mass kg
		Refer to BOM	Material	Assemble	Process
		Initial Release	Current Revision Description		
	Designed	Drawn	Checked	Approved	Revision
	DH	DH	DH	DH	A
	01Oct20	01Oct20	08Oct20	08Oct20	08Oct20
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					6 OF 16

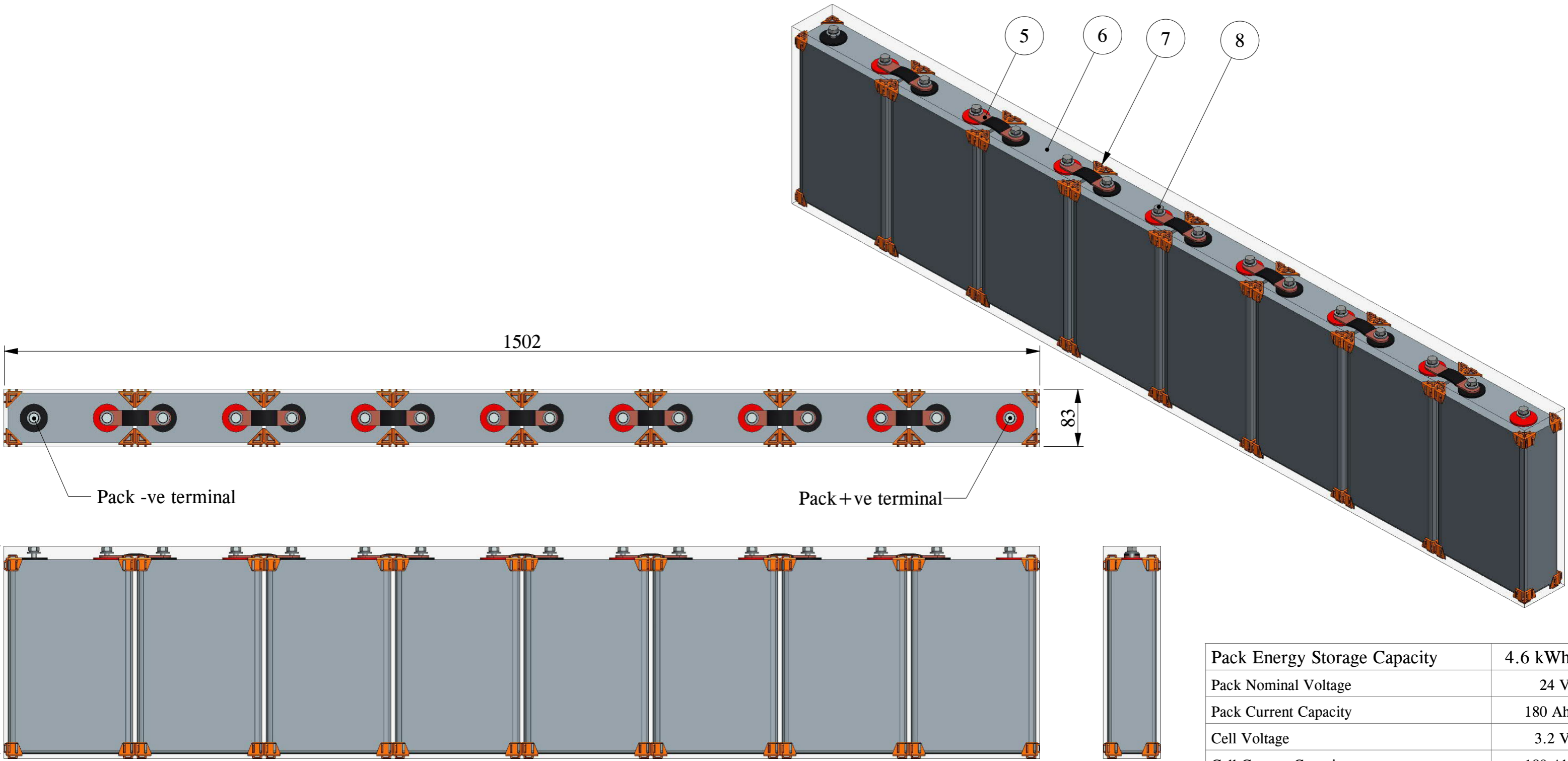
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	7
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	8
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16



Pack Energy Storage Capacity	4.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	8

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED				LiFePO4 Battery Pack	Description		
	ACN 126 091 727	DIMS ARE IN MM				The Battery Volt	Project		
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For	TOLERANCES				BV-CALB180-1P8S-4X2-24V-AS	Drawing Number	41.42	Mass kg
		x.xx ± 0.01 x.x ± 0.1 x ± 0.5 HOLE \varnothing +0.15 ANGLES ± 0.5				Refer to BOM	Material	Assemble	Process
						Initial Release	Current Revision Description		
		Designed	Drawn	Checked	Approved	Revision	Sheet No		
		DH	DH	DH	DH	A	7 OF 16		
		01Oct20	01Oct20	08Oct20	08Oct20	08Oct20			

Item	Part Number	REV	Description	Material	Mass Each kg	Qty
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	7
6	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	8
7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	64
8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	16



Pack Energy Storage Capacity	4.6 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	8



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ACN 126 091 727

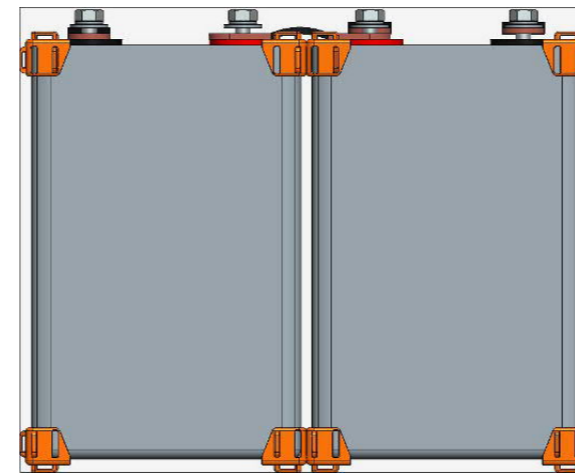
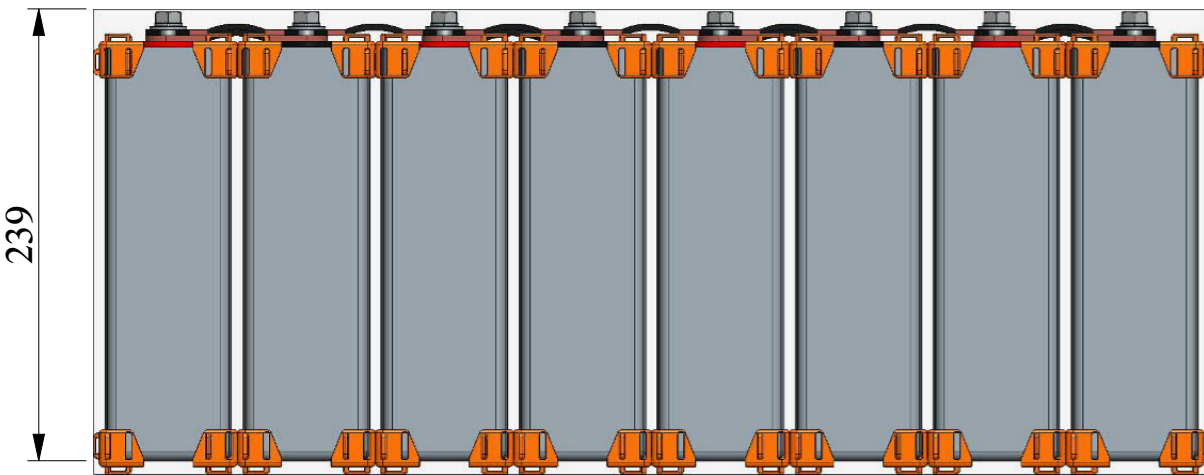
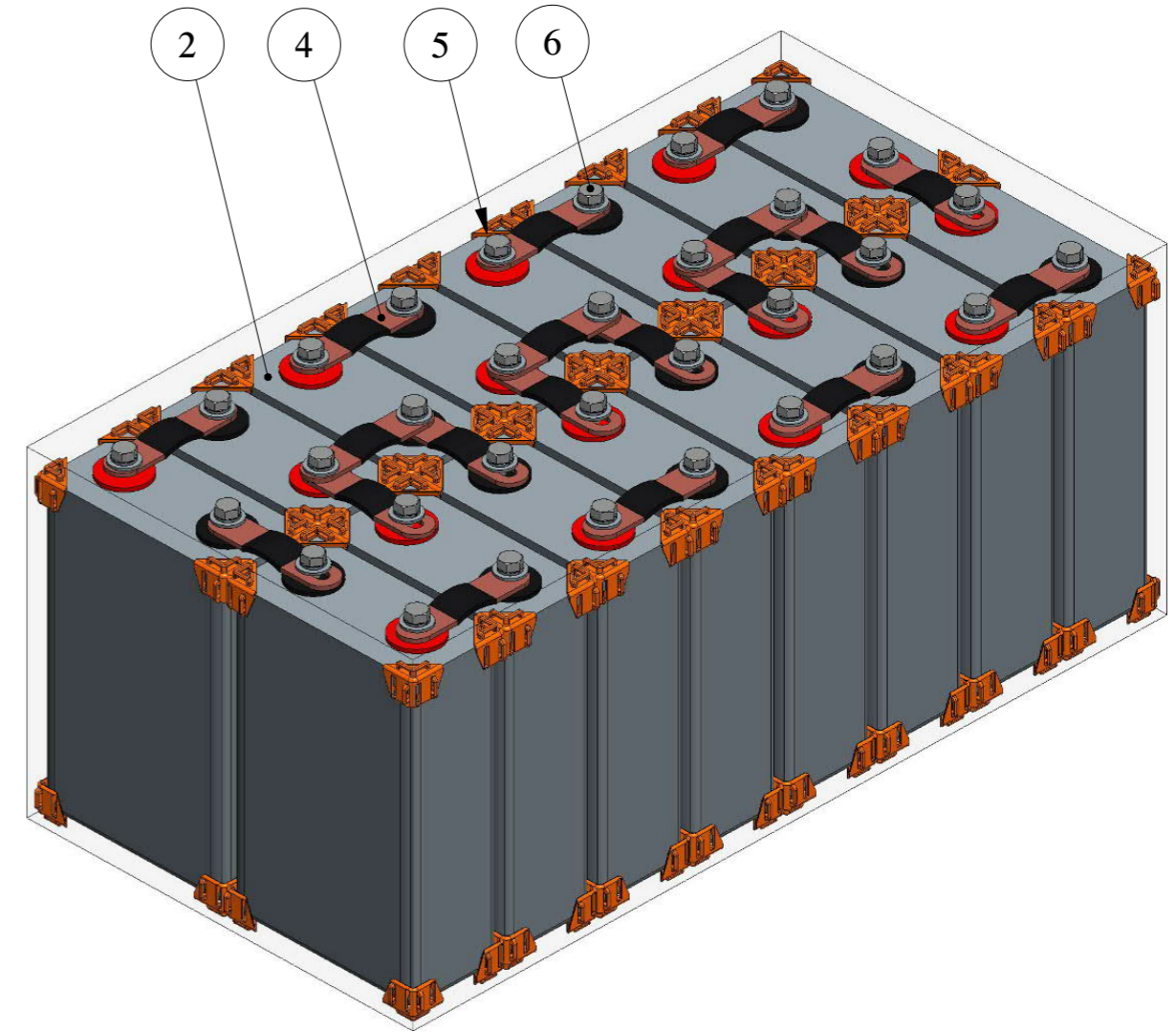
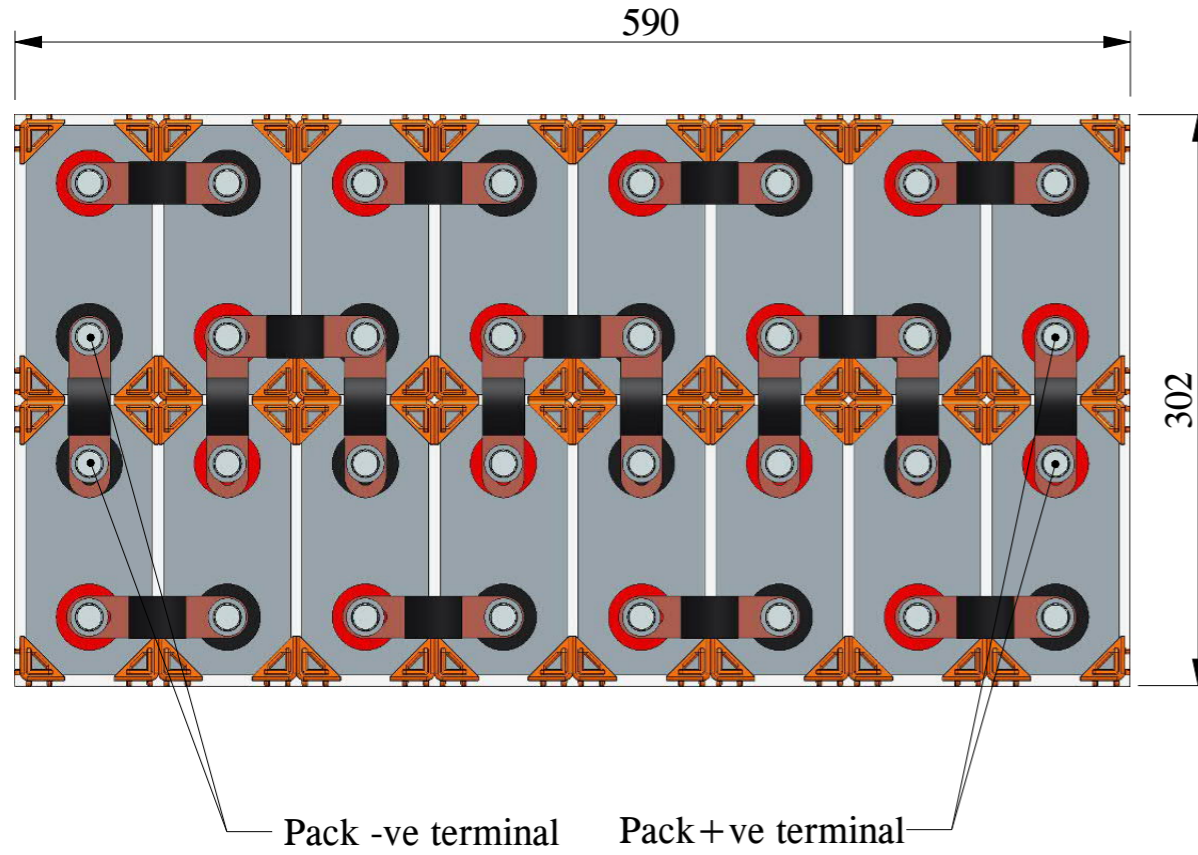
Prepared For
SeaStorm Marine Pty Ltd
www.seastorm.com.au

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	
The Battery Volt		Project	
BV-CALB180-1P8SL-24V-AS	Drawing Number	41.42	Mass kg
Refer to BOM	Material	Assemble	Process
Initial Release		Current Revision Description	
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
Revision A 08Oct20			Sheet No 8 OF 16

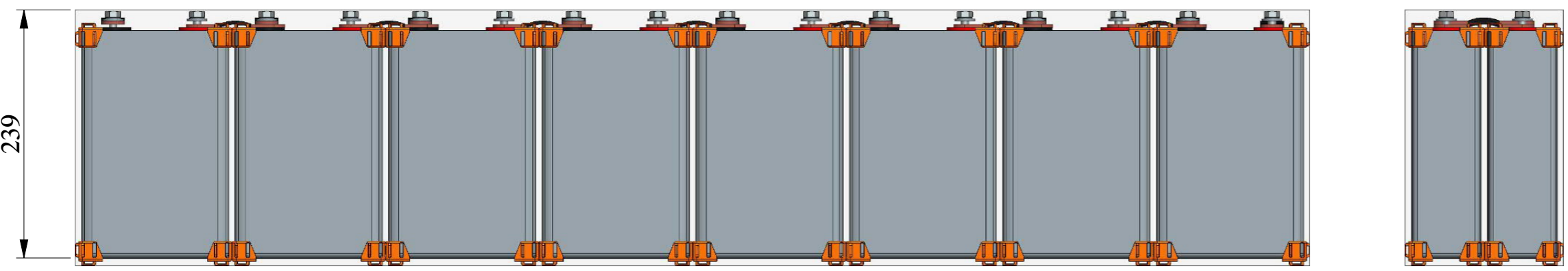
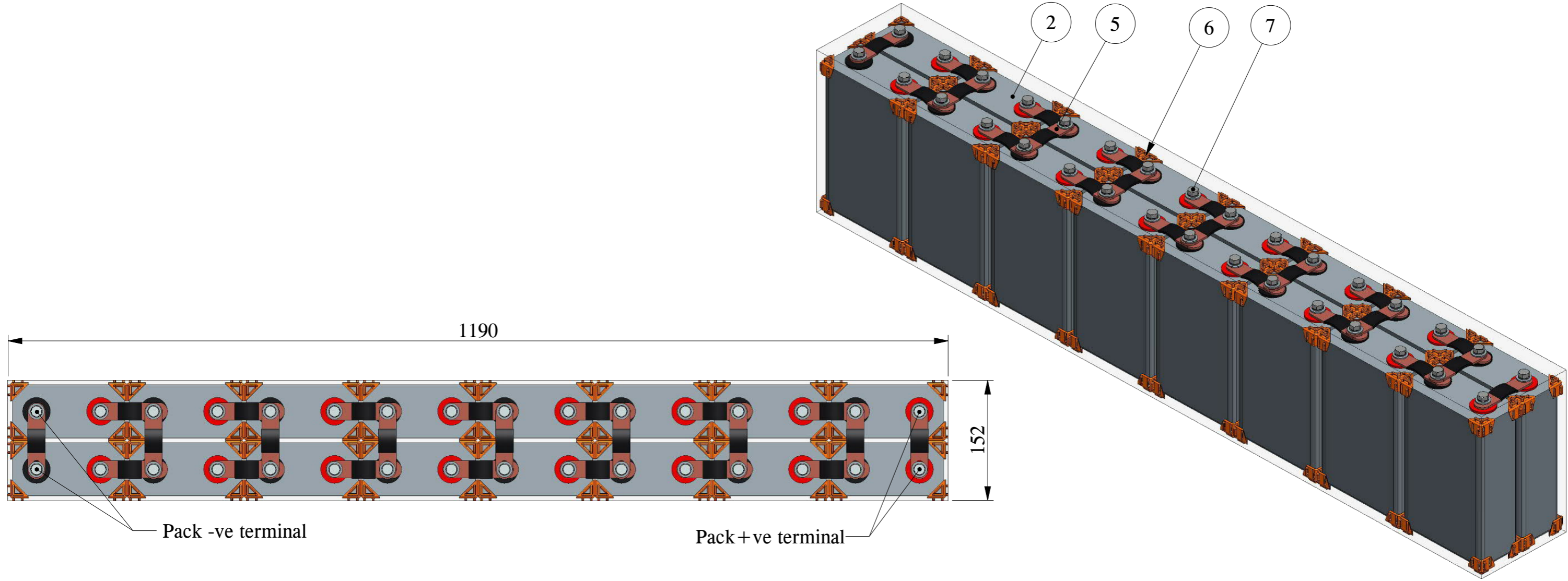
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	16
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	19
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32




Pack Energy Storage Capacity	5.1 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	200 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	2
Series Cells	8

 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 \varnothing +0.15 ANGLES ± 0.5			LiFePO4 Battery Pack		Description	
	ACN 126 091 727	Prepared For	SEA STORM MARINE PTY LTD www.seastorm.com.au			The Battery Volt		Project
			Drawing Number	41.42	Mass kg			
			Material	Assemble	Process	Finish		
			Initial Release					Current Revision Description
Designed	Drawn	Checked	Approved	Revision	Sheet No			
DH 01Oct20	DH 01Oct20	DH 08Oct20	DH 08Oct20	A 08Oct20	9 OF 16			

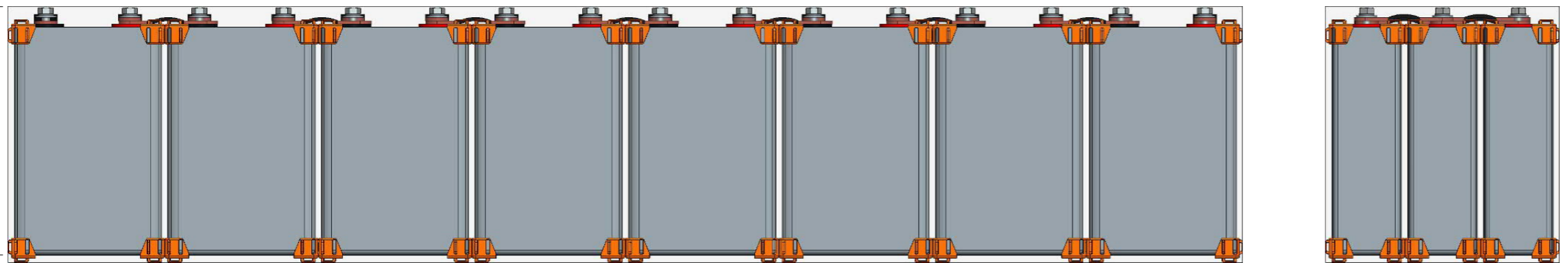
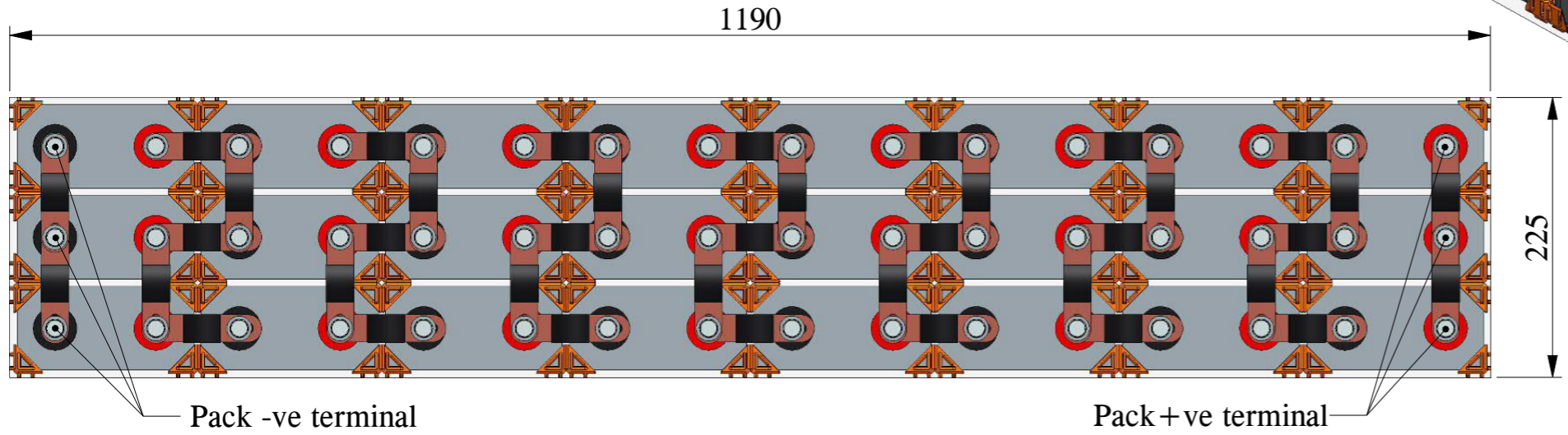
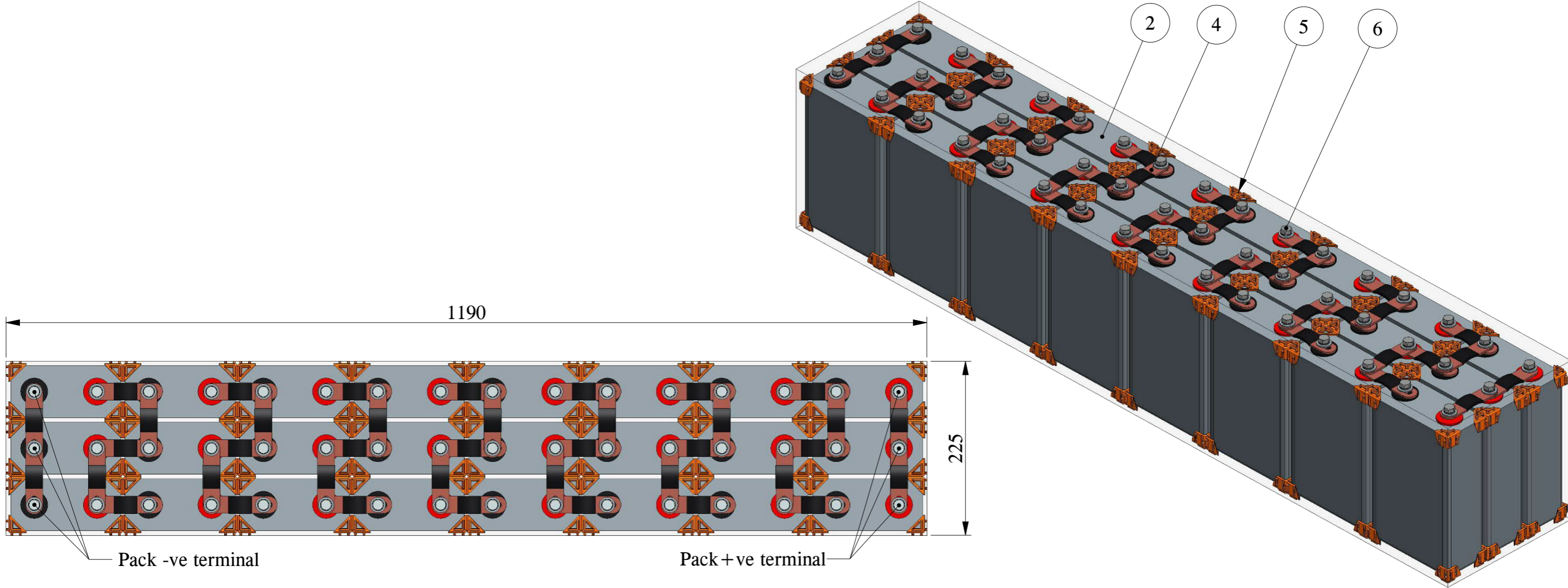
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	16
5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	23
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	5.1 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	200 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	2
Series Cells	8

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED				LiFePO4 Battery Pack Description
	ACN 126 091 727	DIMS ARE IN MM TOLERANCES				
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For	x.xx ± 0.01 x.x ± 0.1 x ± 0.5		HOLE \varnothing +0.15 ANGLES ± 0.5		Material Assemble Process Finish
		Refer to BOM		Initial Release		
		Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Sheet No 10 OF 16

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	24
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	39
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	192
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	48



Pack Energy Storage Capacity	7.7 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	300 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	3
Series Cells	8

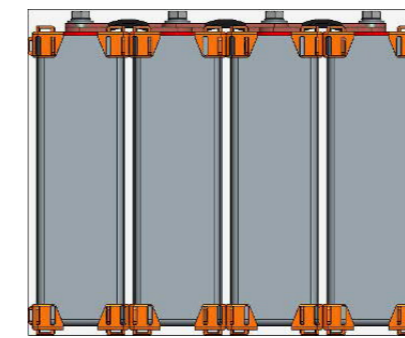
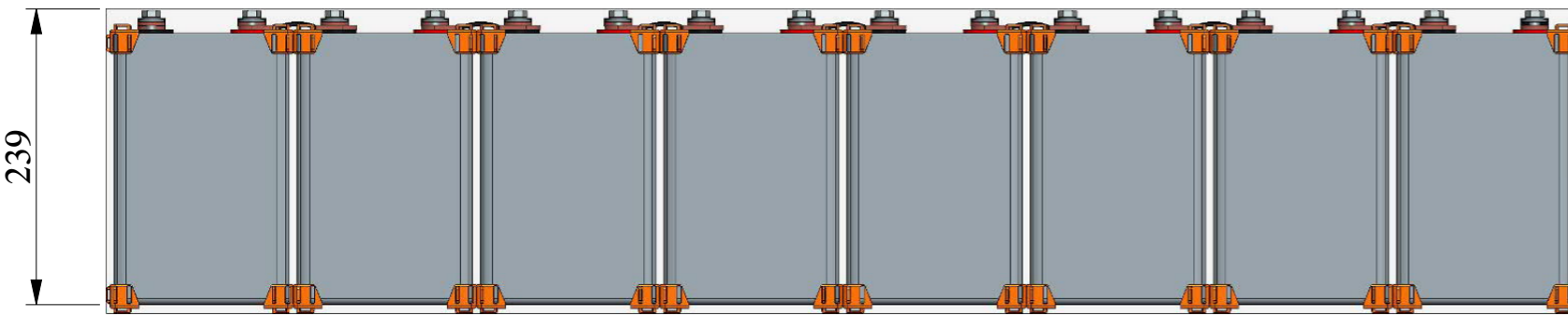
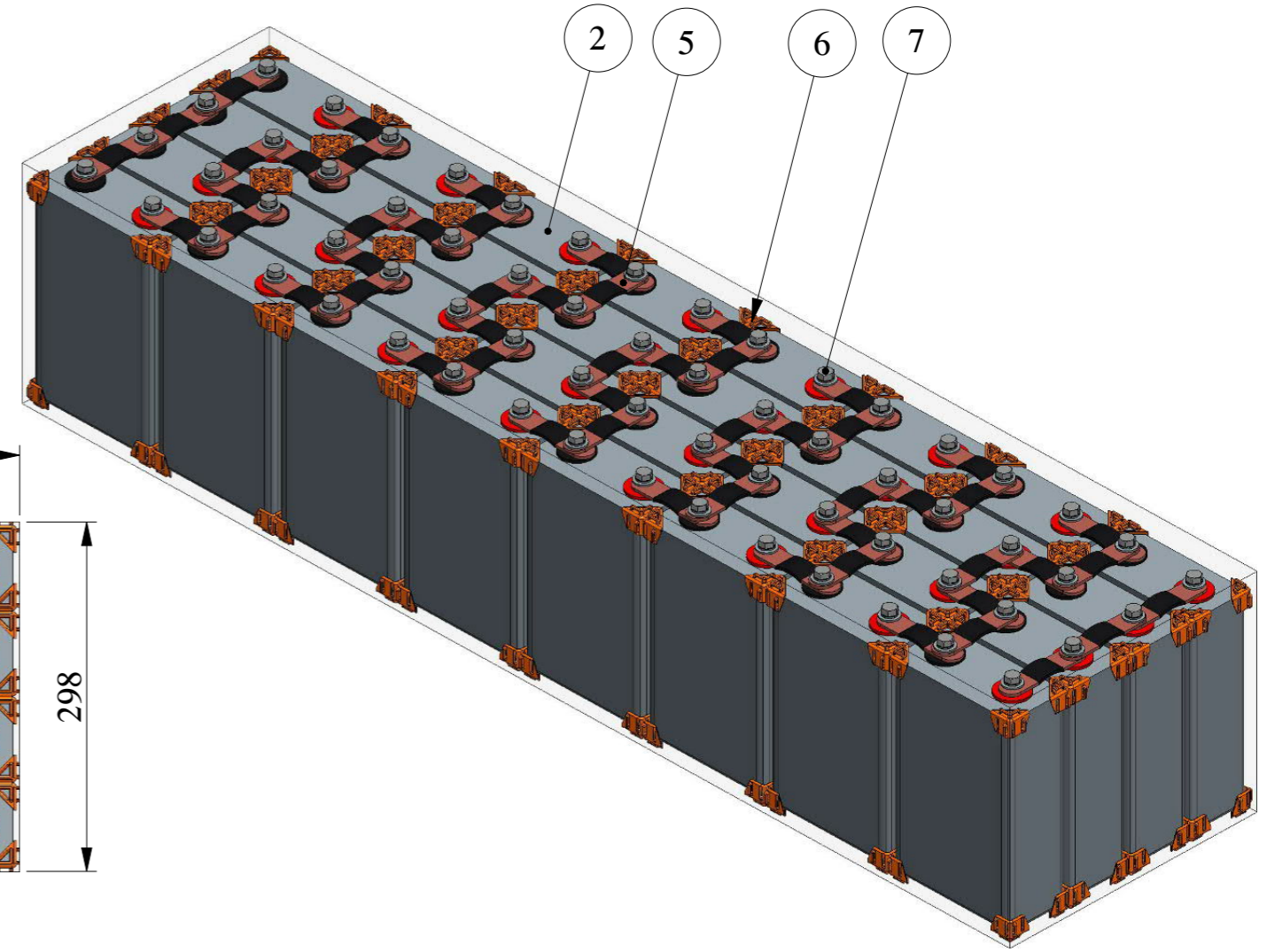
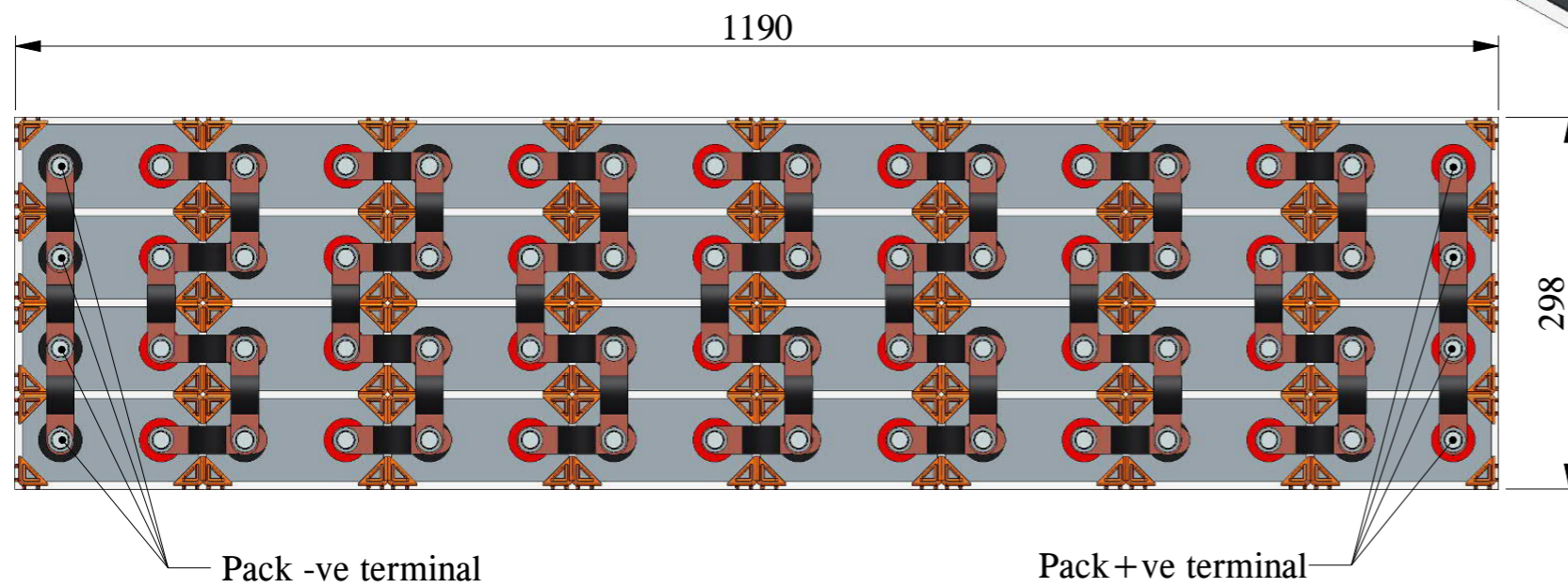
Prepared By: **GreenStorm Solutions**
www.greenstorm.com.au
 ACN 126 091 727

Prepared For: **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

Description		Project		Mass kg	
LiFePO4 Battery Pack		The Battery Volt		41.42	
BV-CALB100-3P8SL-24V-AS		Drawing Number	41.42		
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 11 OF 16

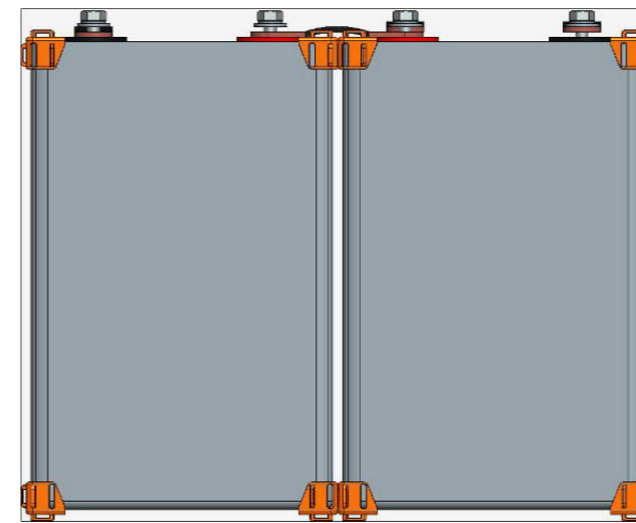
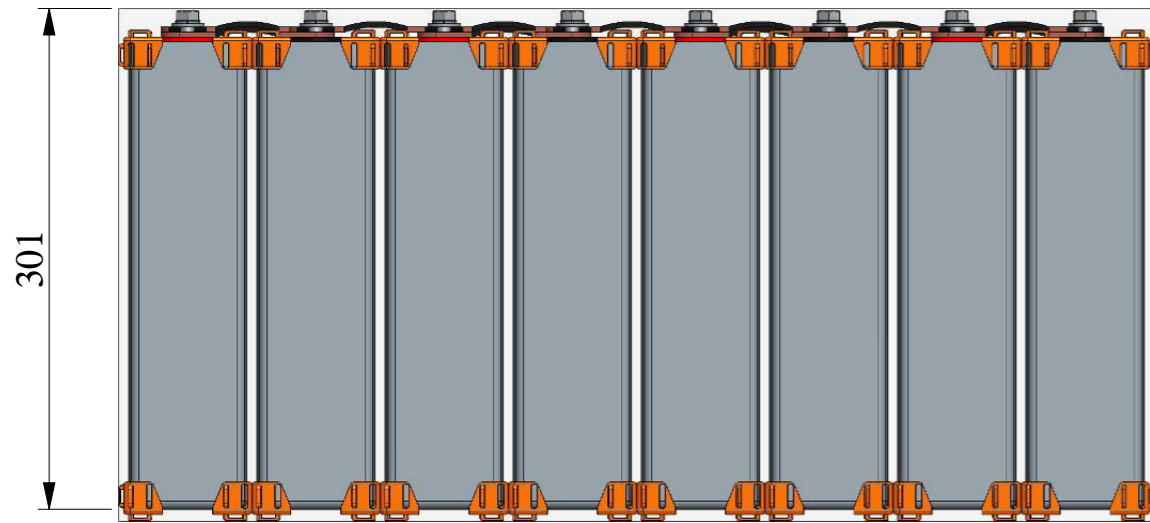
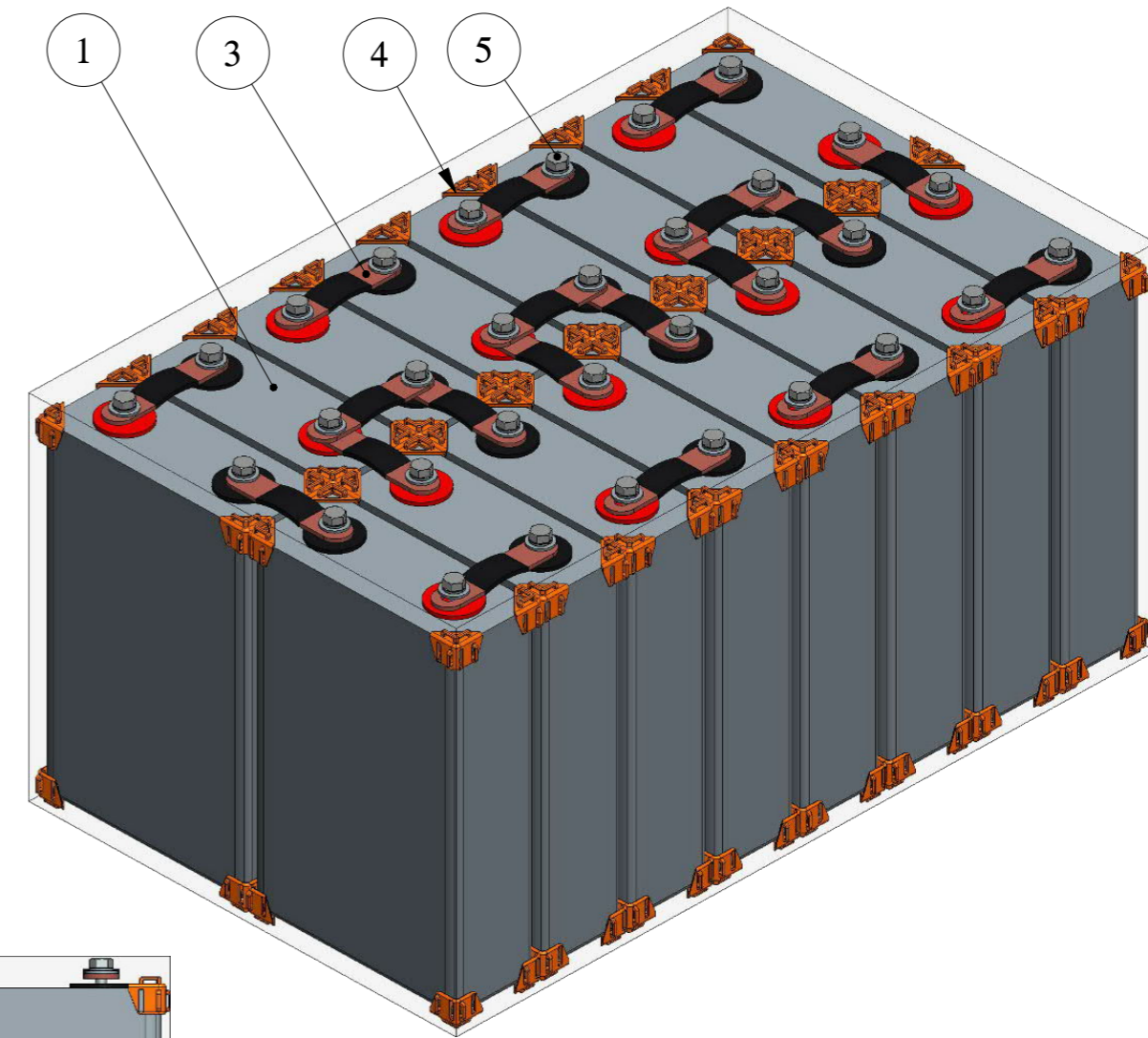
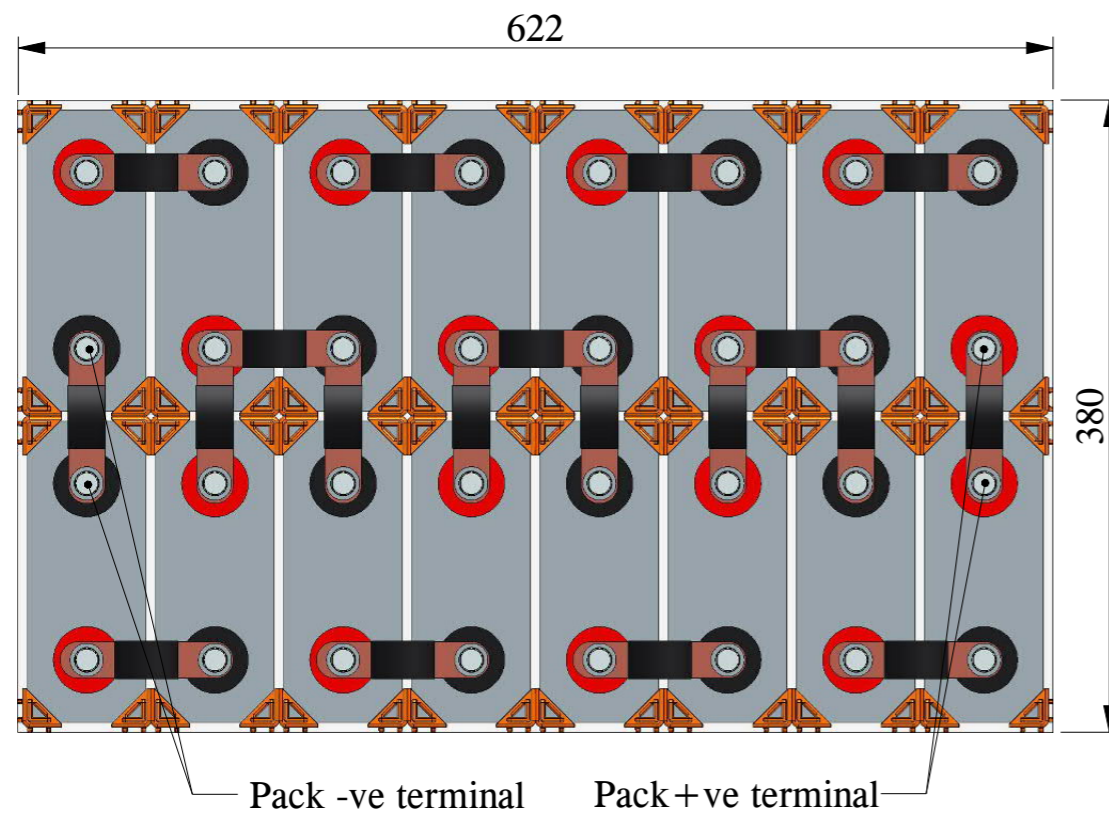
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	32
5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	55
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	256
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	64




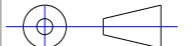
Pack Energy Storage Capacity	10.2 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	400 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	4
Series Cells	8

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED				LiFePO4 Battery Pack Description
	ACN 126 091 727	DIMS ARE IN MM				
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For	TOLERANCES		Drawing Number		BV-CALB100-4P8SL-24V-AS Mass kg 41.42
		x.xx ± 0.01 x.x ± 0.1 x ± 0.5		Material Assemble Process Finish		
		HOLE \varnothing +0.15		Current Revision Description		Initial Release Designed DH 01Oct20 Drawn DH 01Oct20 Checked DH 08Oct20 Approved DH 08Oct20 Revision A 08Oct20 Sheet No 12 OF 16
		ANGLES ± 0.5				

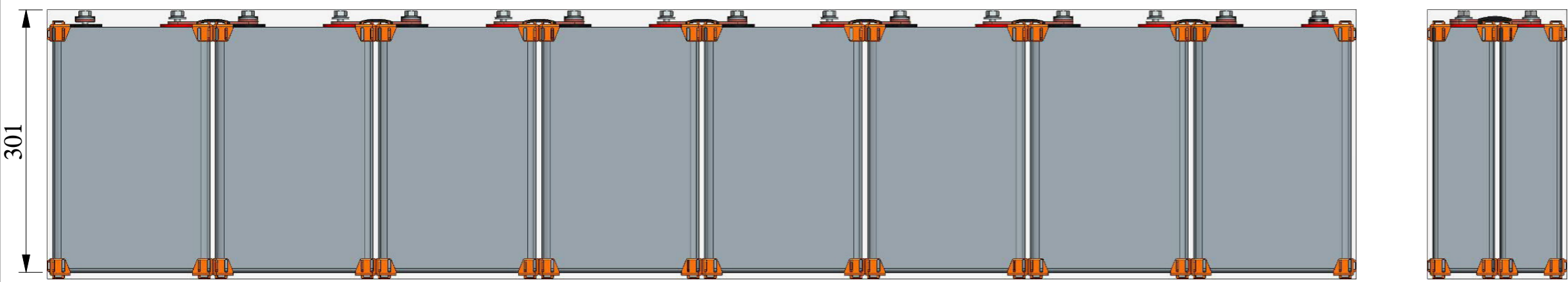
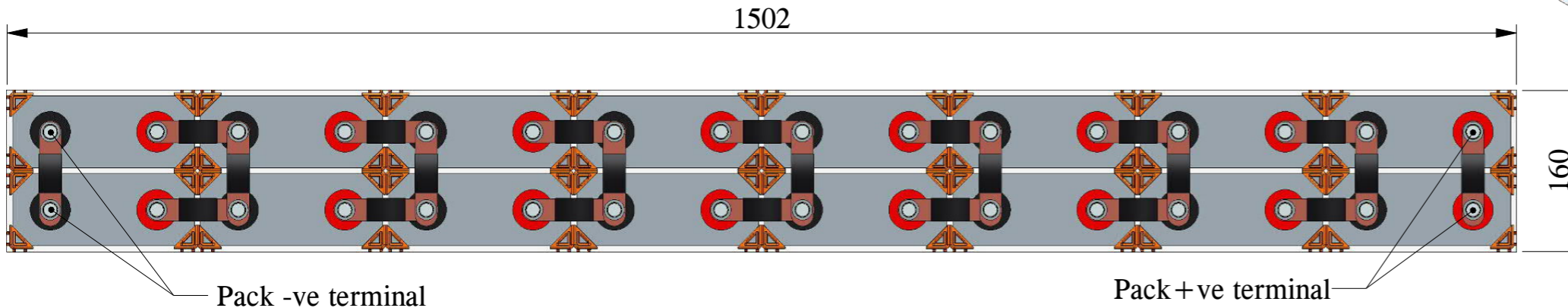
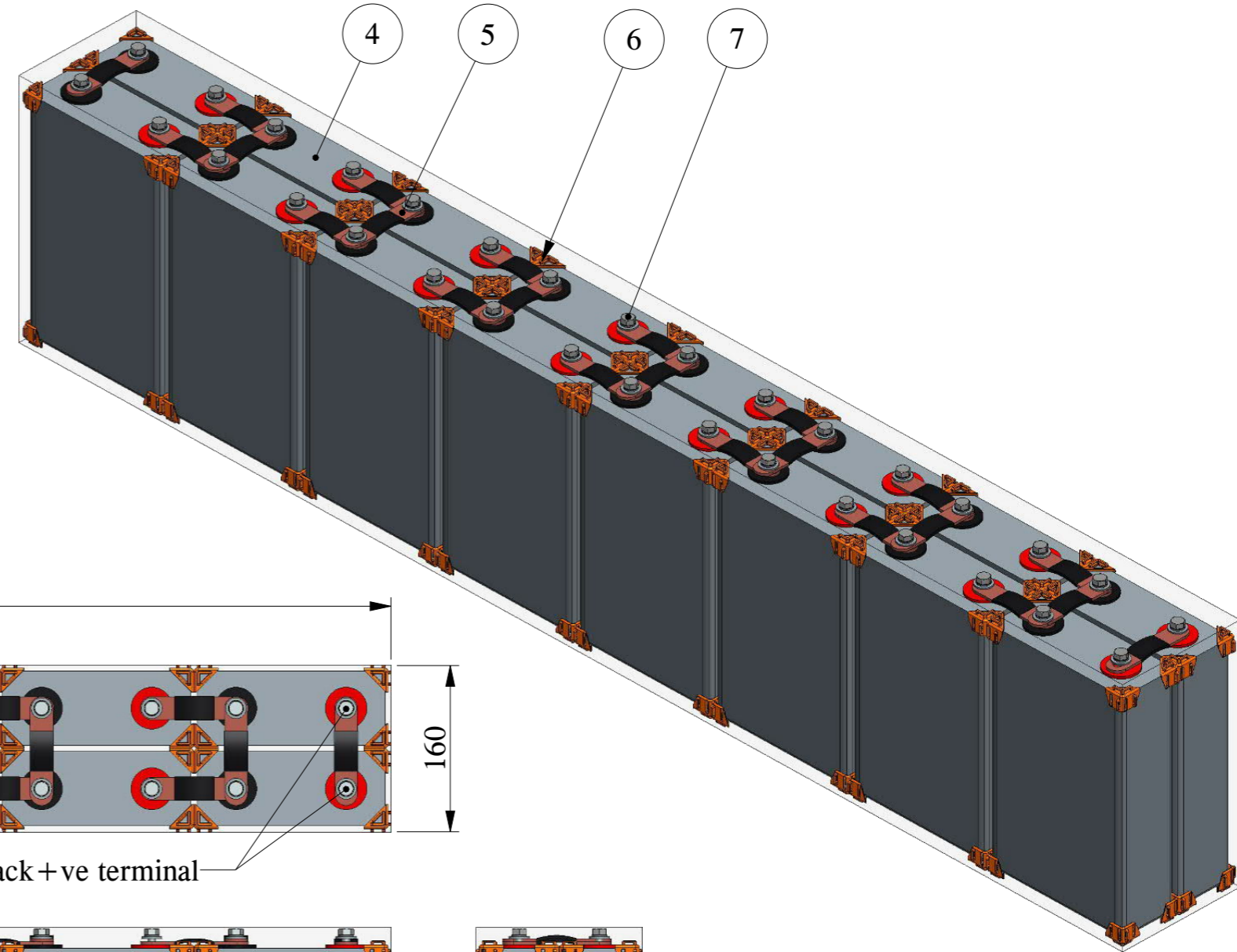
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
1	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	16
3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	19
4	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	9.2 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	360 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	2
Series Cells	8

 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED				LiFePO4 Battery Pack
	ACN 126 091 727	DIMS ARE IN MM TOLERANCES				The Battery Volt
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For	x.xx ± 0.01		Drawing Number		BV-CALB180-2P8S-24V-AS
		x.x ± 0.1		Material		41.42
		x ± 0.5		Process		Mass kg
		HOLE Ø +0.15		Assemble		Finish
		ANGLES ± 0.5		Current Revision Description		
				Initial Release		
		Designed	Drawn	Checked	Approved	Revision
		DH	DH	DH	DH	A
		01Oct20	01Oct20	08Oct20	08Oct20	08Oct20
						Sheet No
						13 OF 16

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	23
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	24 V
Pack Current Capacity	360 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	2
Series Cells	8

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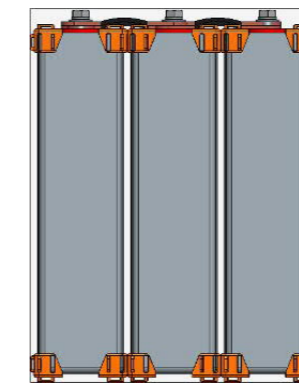
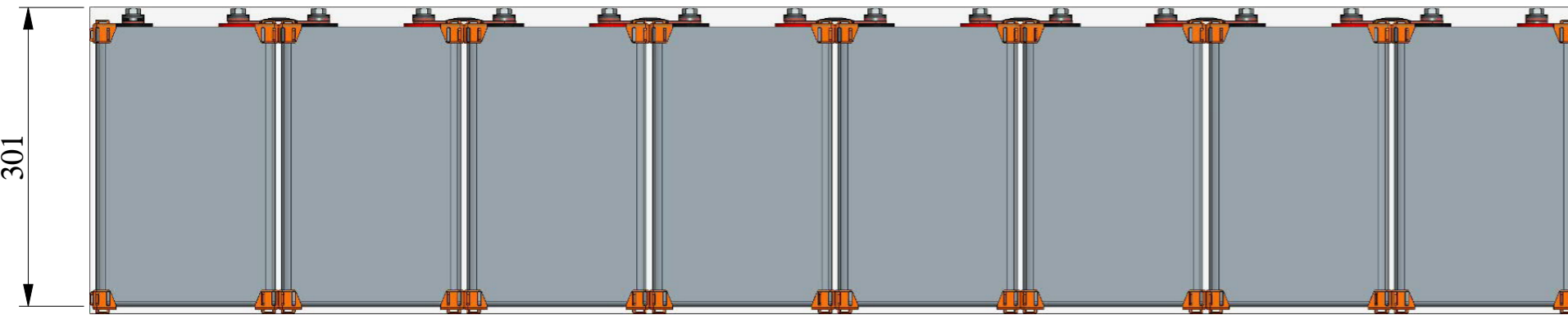
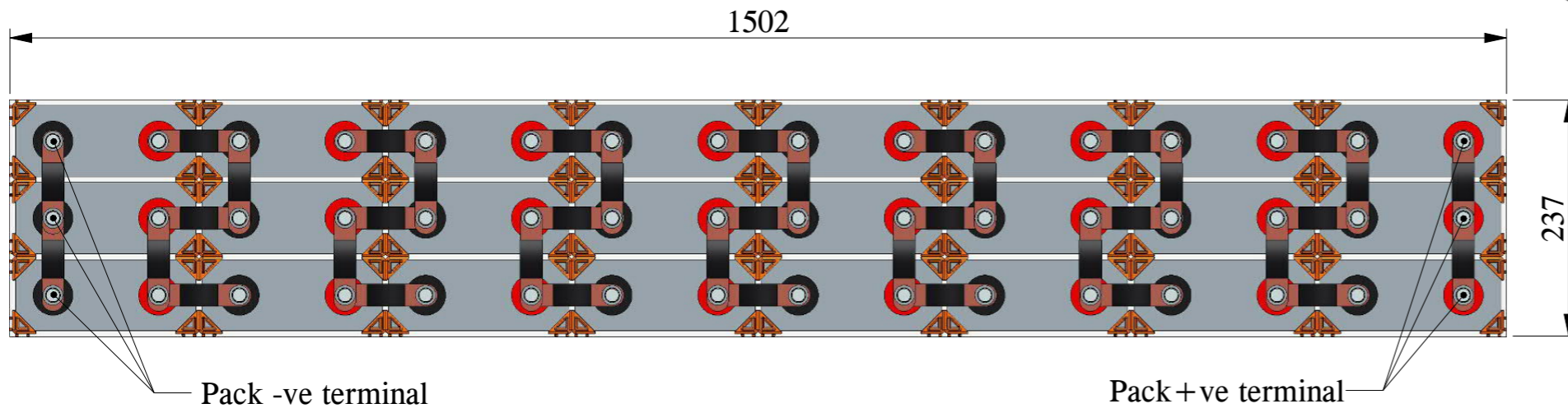
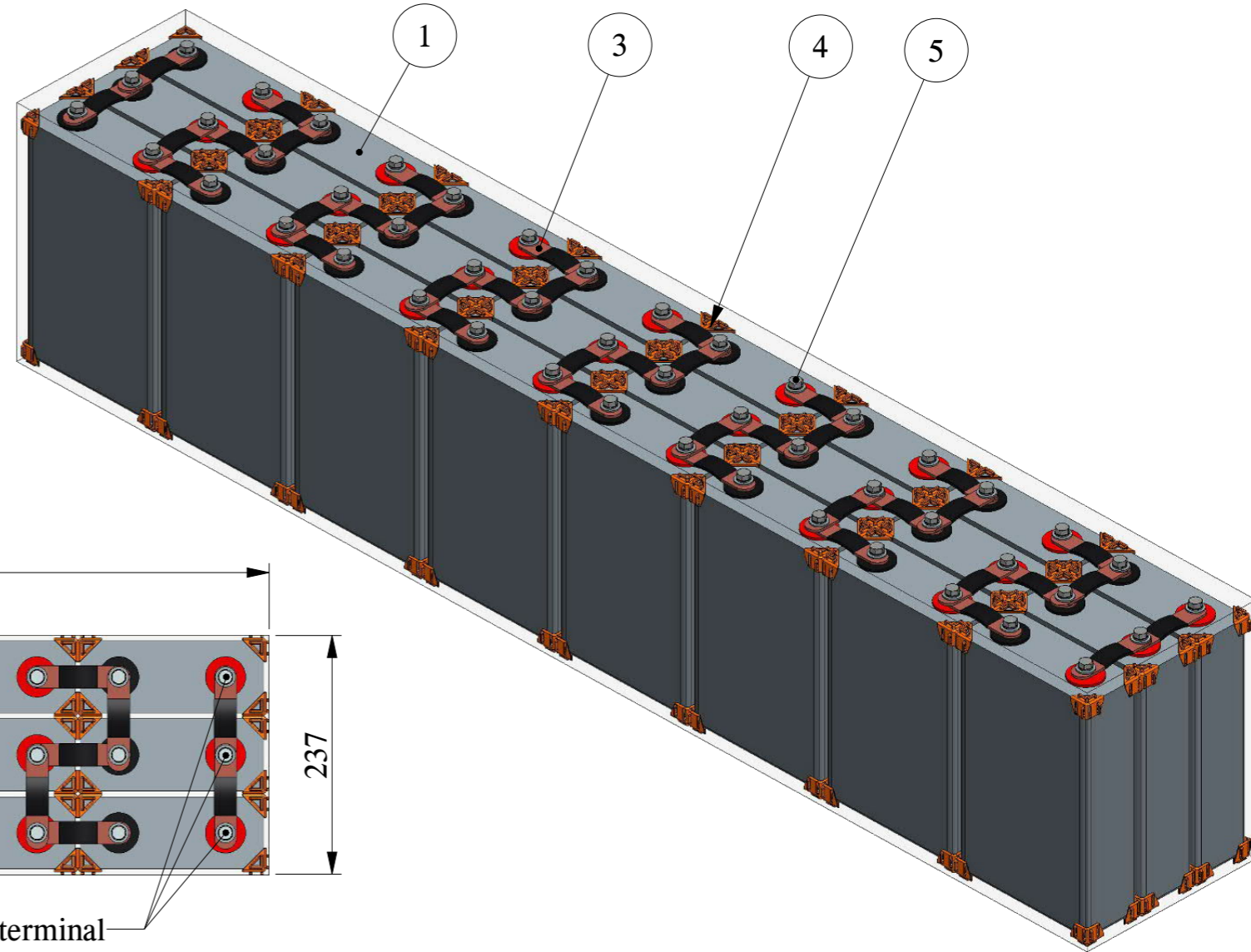
ACN 126 091 727

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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-CALB180-2P8SL-24V-AS	Drawing Number	41.42	Mass kg
Refer to BOM	Material	Assemble	Process
Initial Release		Current Revision Description	
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
Revision A 08Oct20			Sheet No 14 OF 16

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	24
3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	39
4	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	192
5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	48

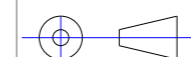


Pack Energy Storage Capacity	13.8 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	540 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	3
Series Cells	8

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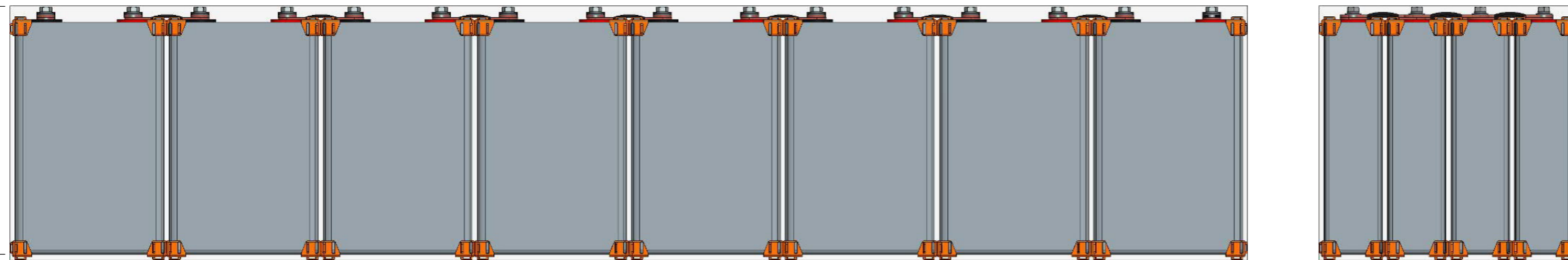
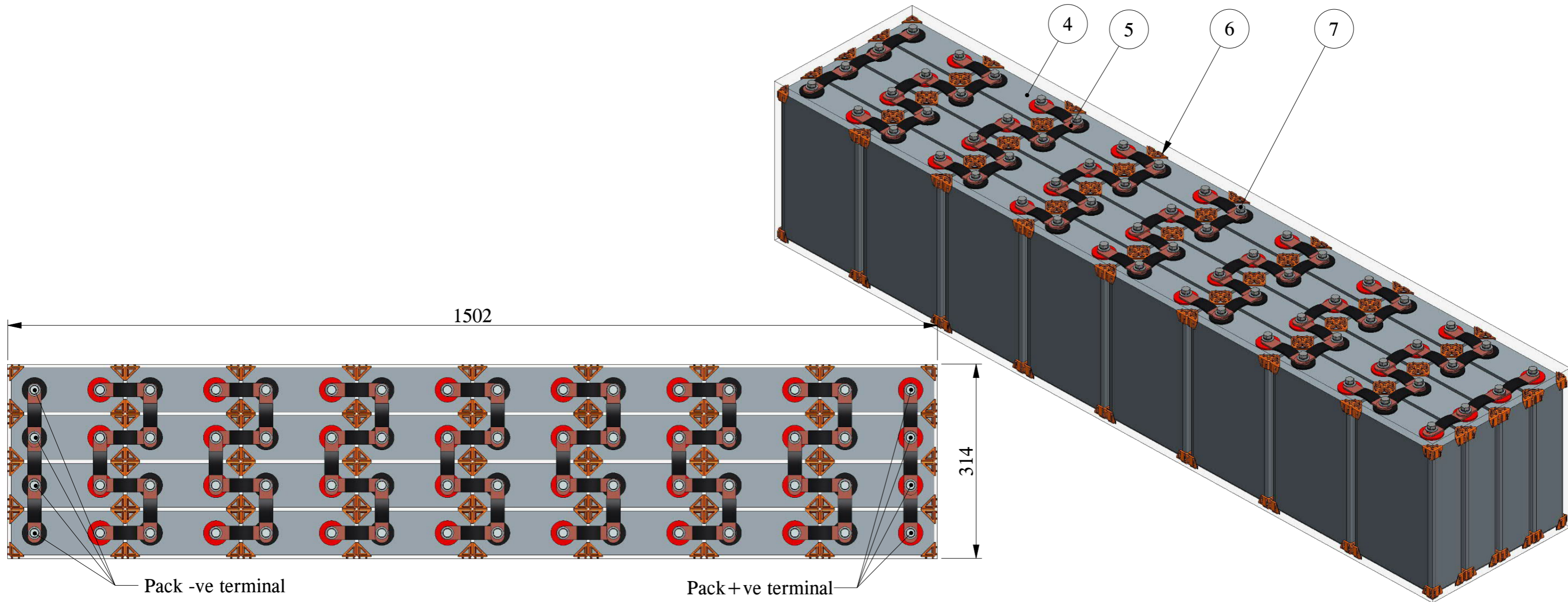
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UNLESS OTHERWISE STATED
DIMS ARE IN MM
TOLERANCES
x.xx ± 0.01
x.x ± 0.1
x ± 0.5
HOLE Ø +0.15
ANGLES ± 0.5



LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB180-3P8SL-24V-AS	Drawing Number	41.42	Mass kg
Refer to BOM	Material	Assemble	Process
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	32
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	55
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	256
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	64



Pack Energy Storage Capacity	18.4 kWh
Pack Nominal Voltage	24 V
Pack Current Capacity	720 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	4
Series Cells	8



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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		Project		Mass kg	
LiFePO4 Battery Pack		The Battery Volt		41.42	
BV-CALB180-4P8SL-24V-AS		Drawing Number	41.42	Material	Finish
Refer to BOM		Assemble	Process	Current Revision Description	
Initial Release					
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 16 OF 16