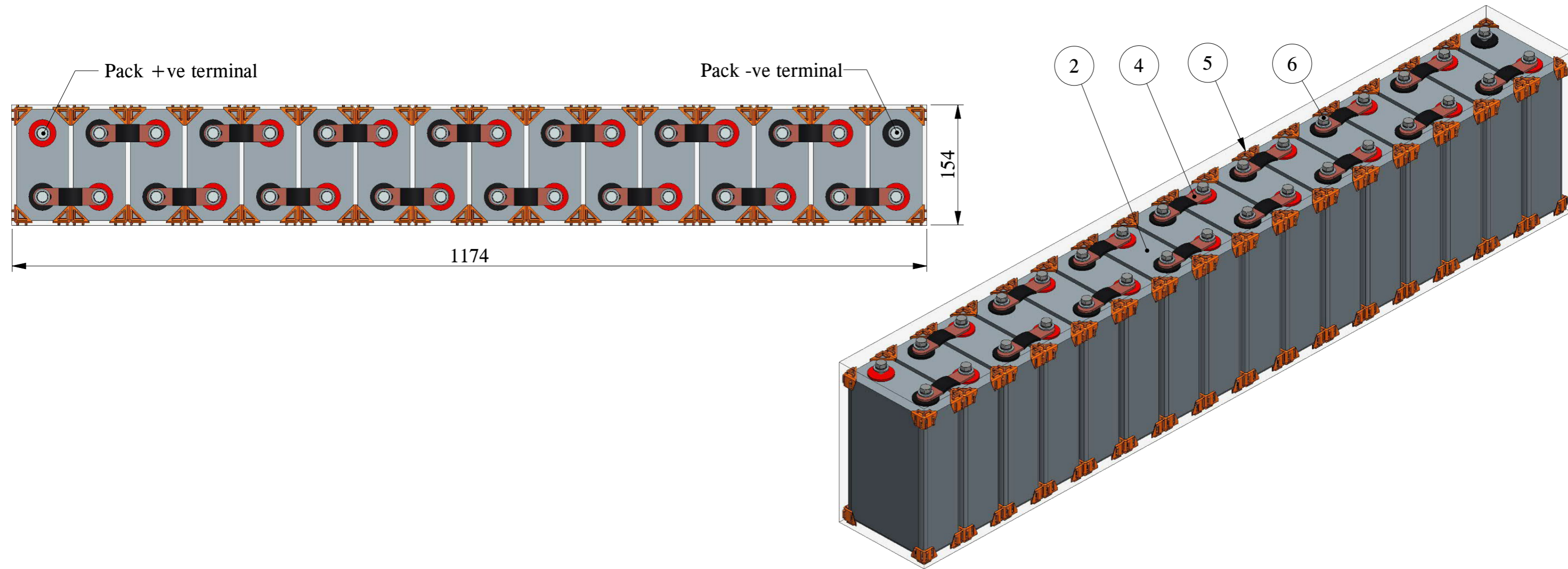


Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	16
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	15
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	5.1 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	16

LiFePO4 Battery Pack					Description
The Battery Volt					Project
BV-CALB100-1P16S-48V-AS			Drawing Number	48.96	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 18



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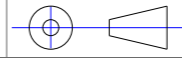
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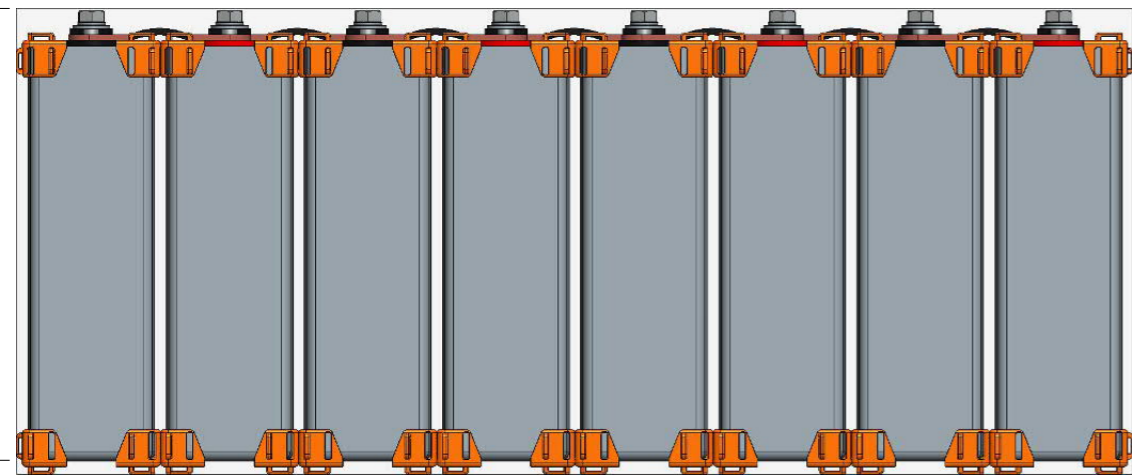
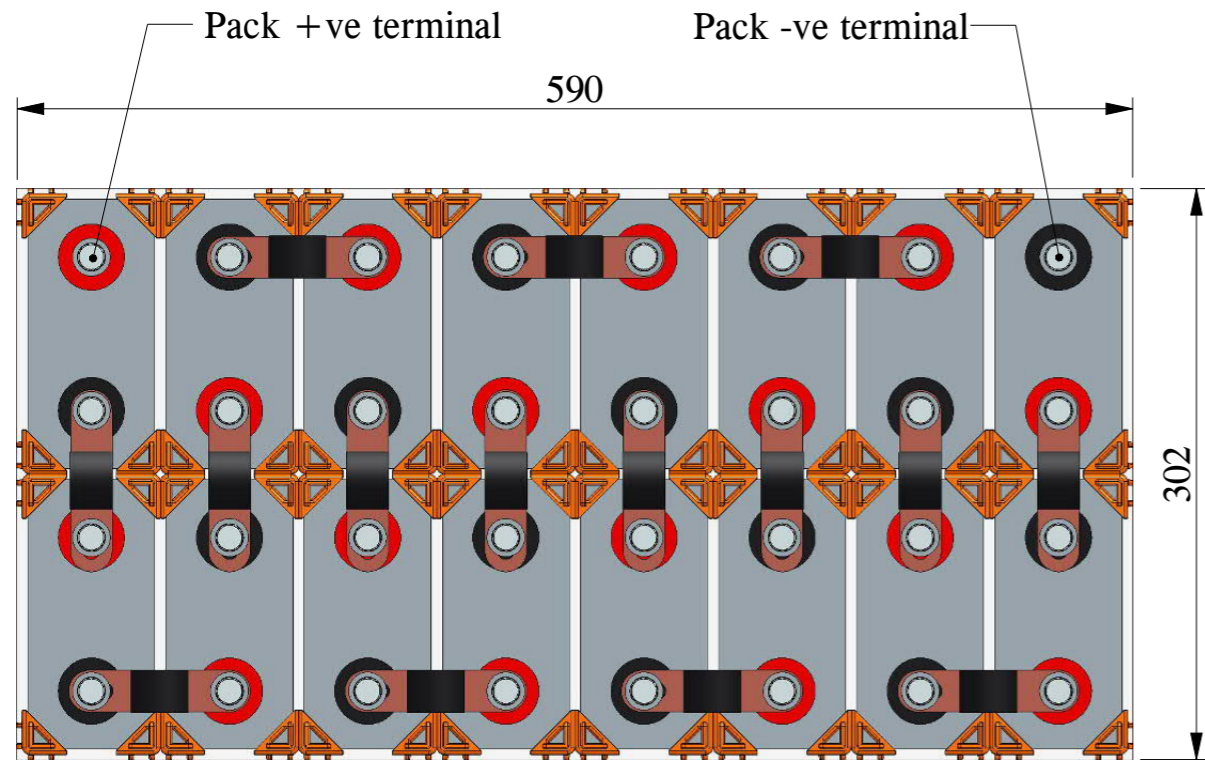
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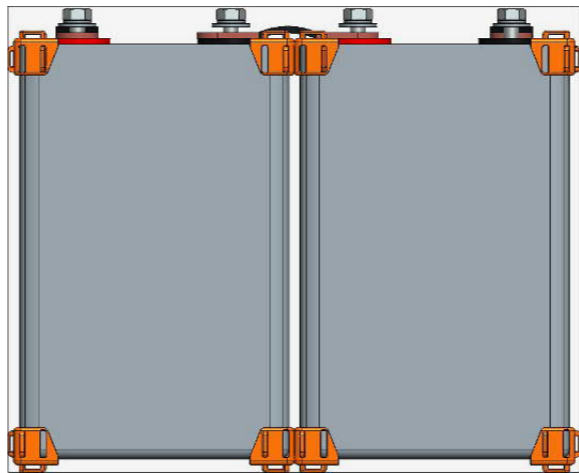
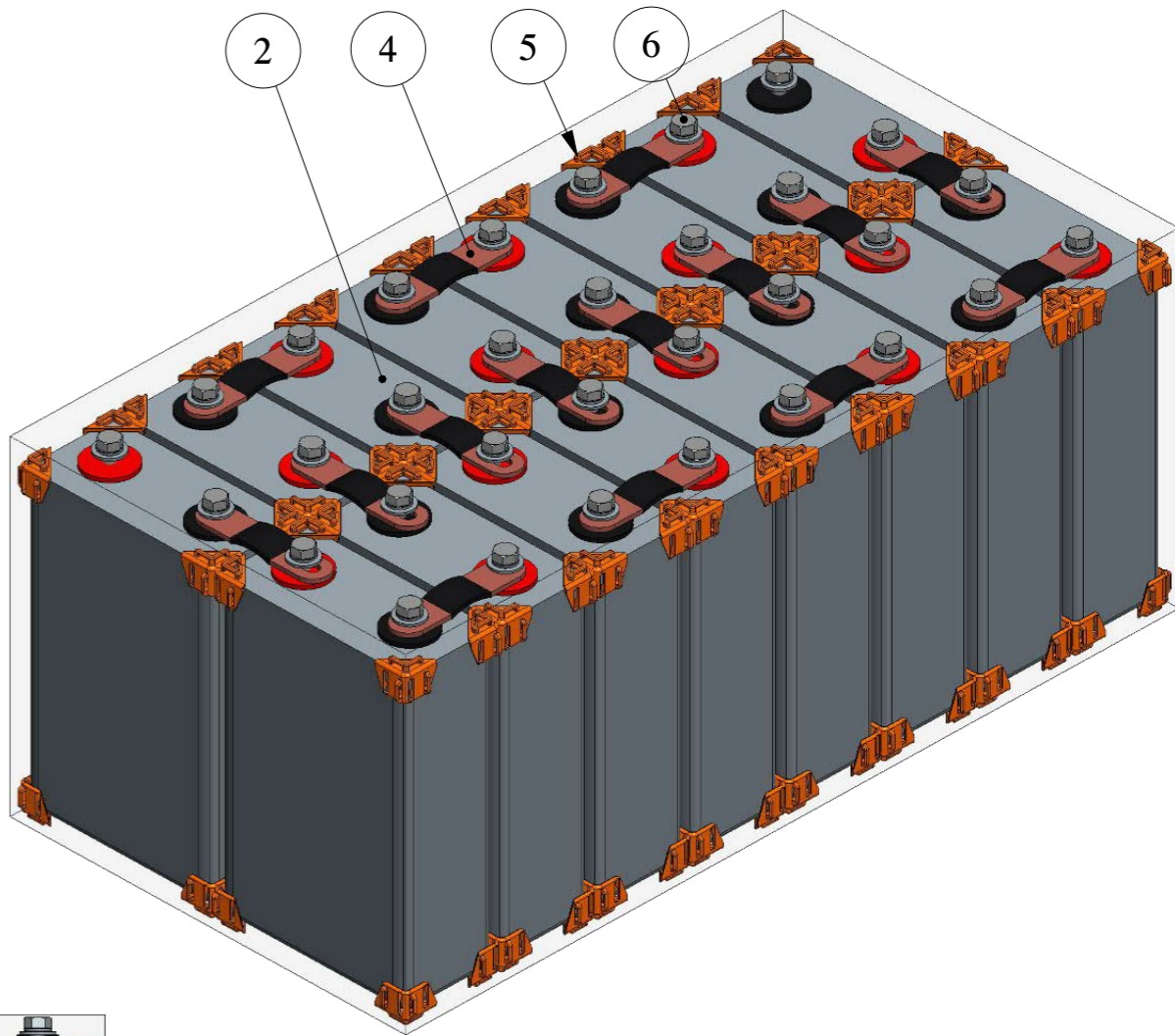
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UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5





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	15
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	48 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	16

LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB100-1P16S-2X8-48V-AS		Drawing Number	Mass kg
		48.96	
Refer to BOM		Material	Process
		Assemble	Finish
Initial Release		Current Revision Description	
Designed	Drawn	Checked	Approved
DH	DH	DH	DH
01Oct20	01Oct20	08Oct20	08Oct20
		Revision	Sheet No
		A	2 OF 18



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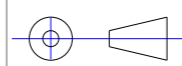
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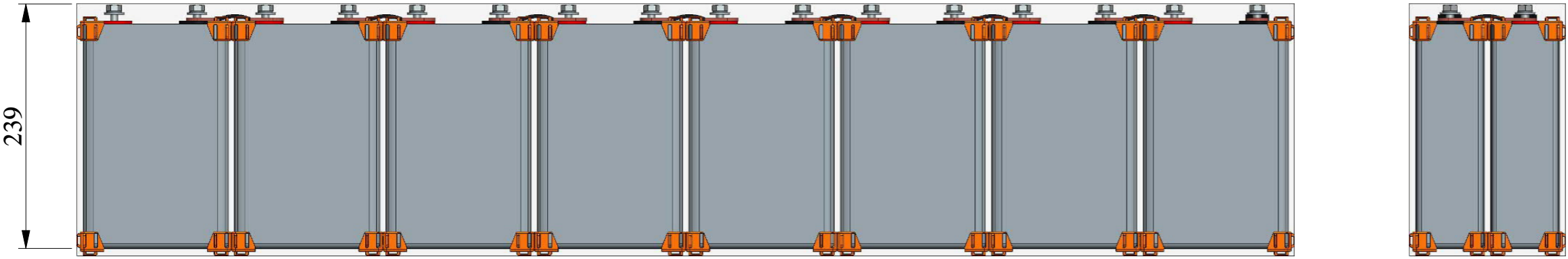
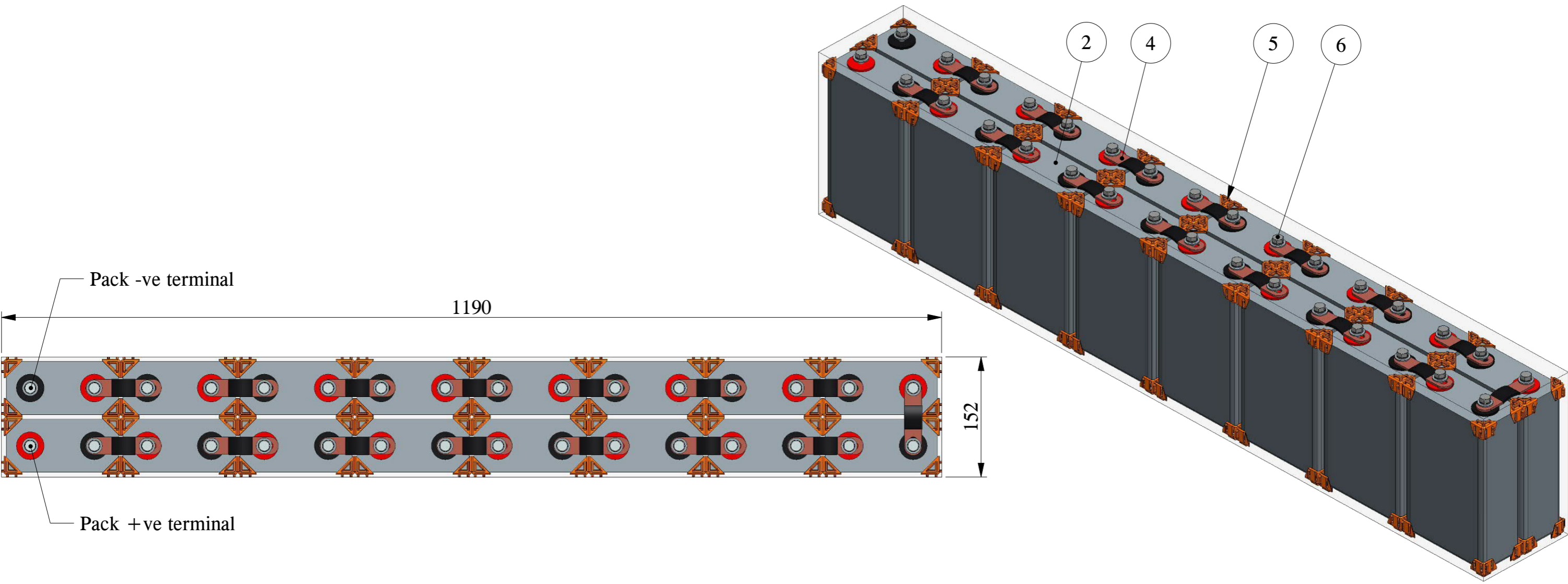
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UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



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	15
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	48 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	16



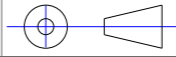
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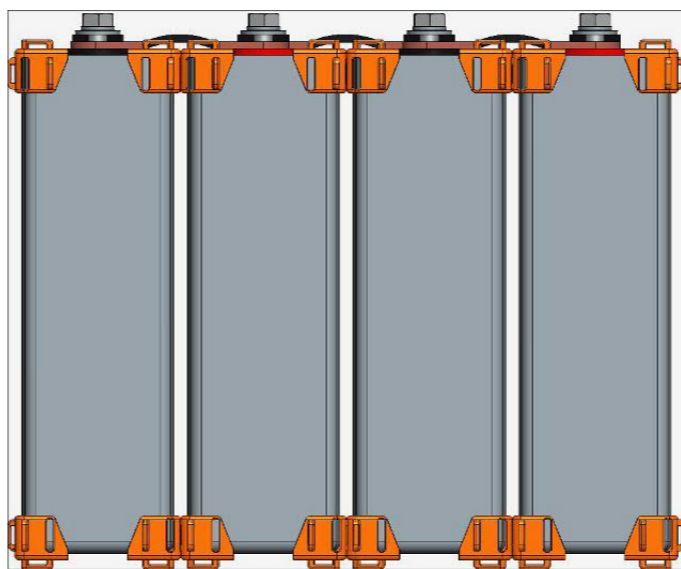
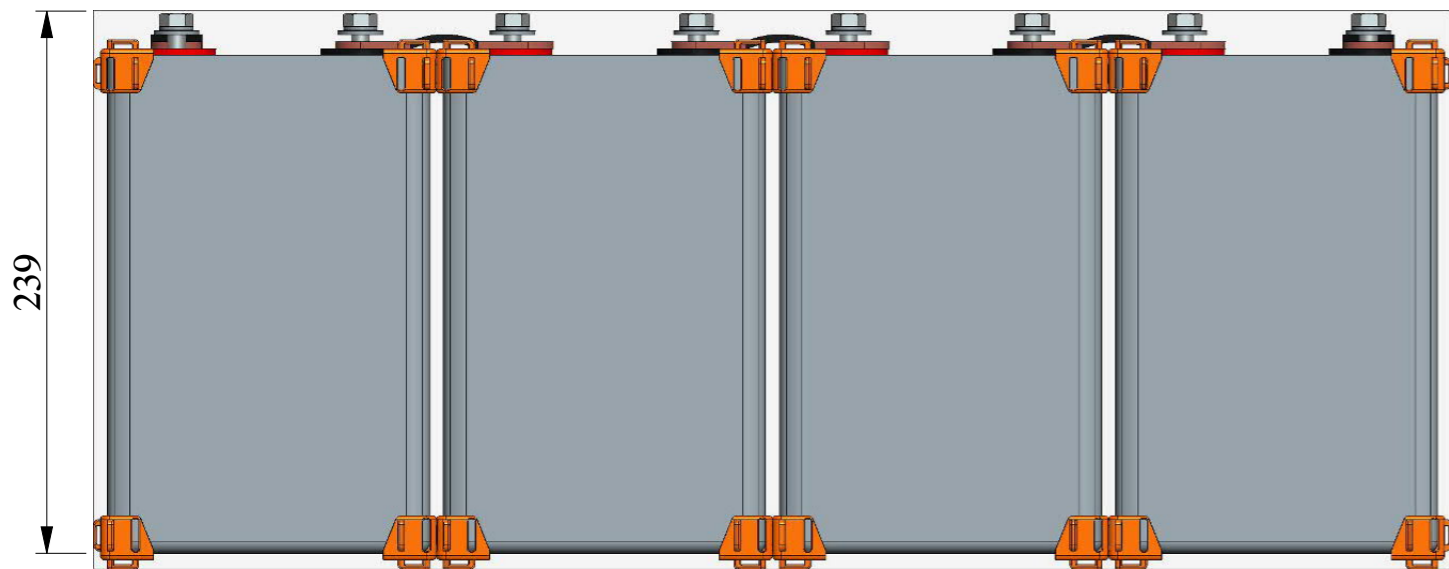
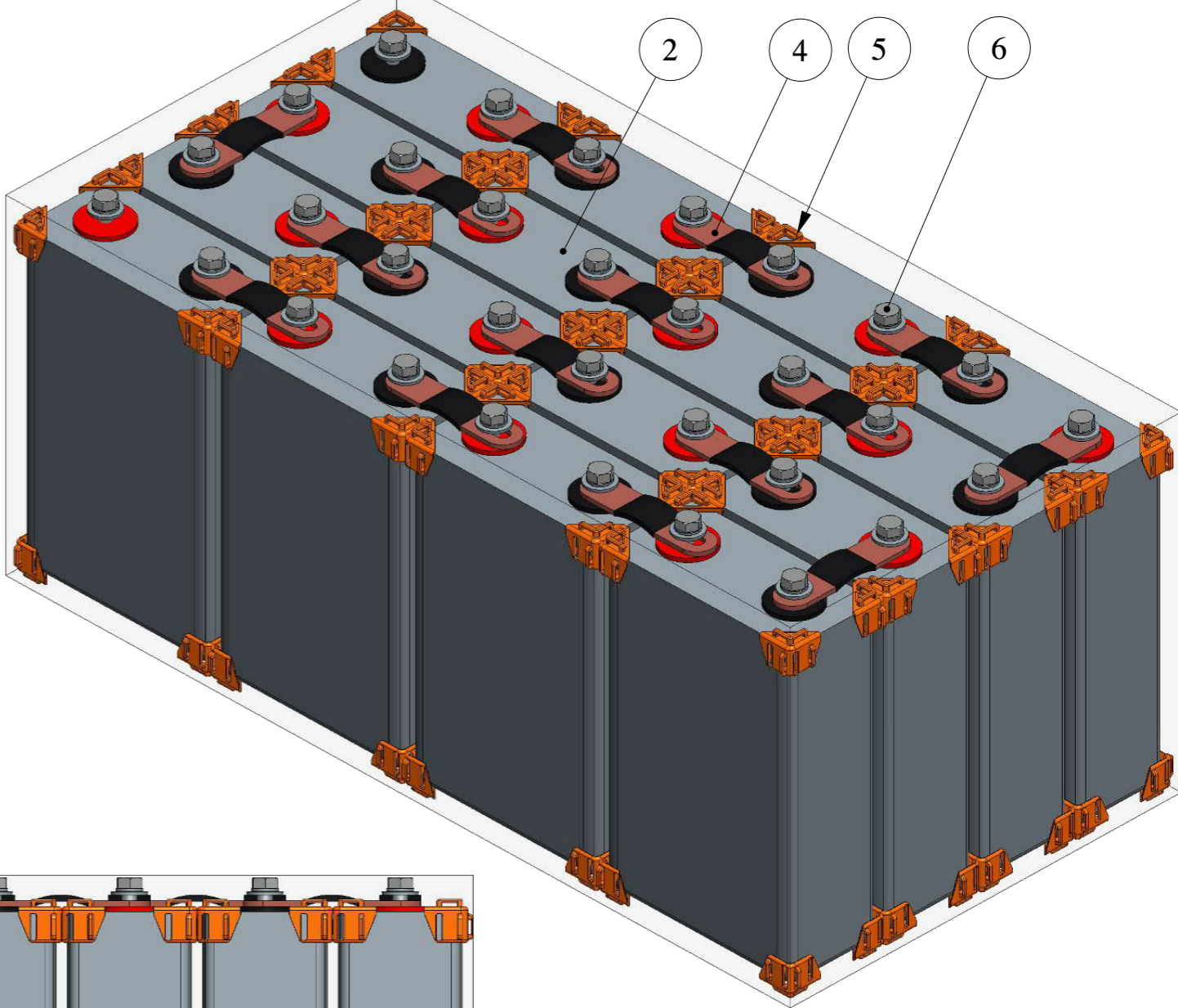
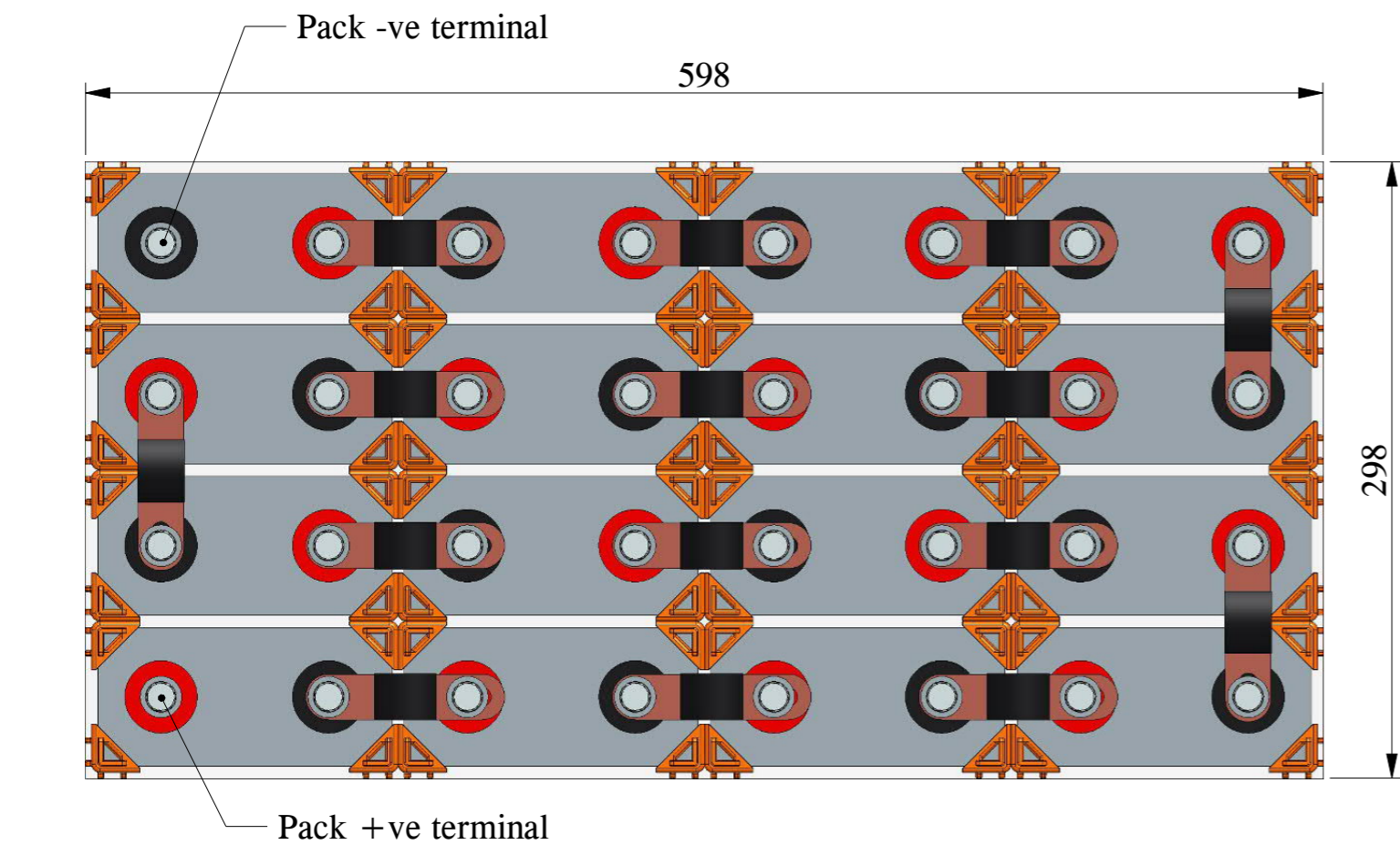
Prepared For

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-CALB100-1P16S-8X2-48V-AS		Drawing Number	48.96
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 3 OF 18

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	15
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	48 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	16



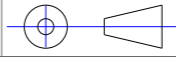
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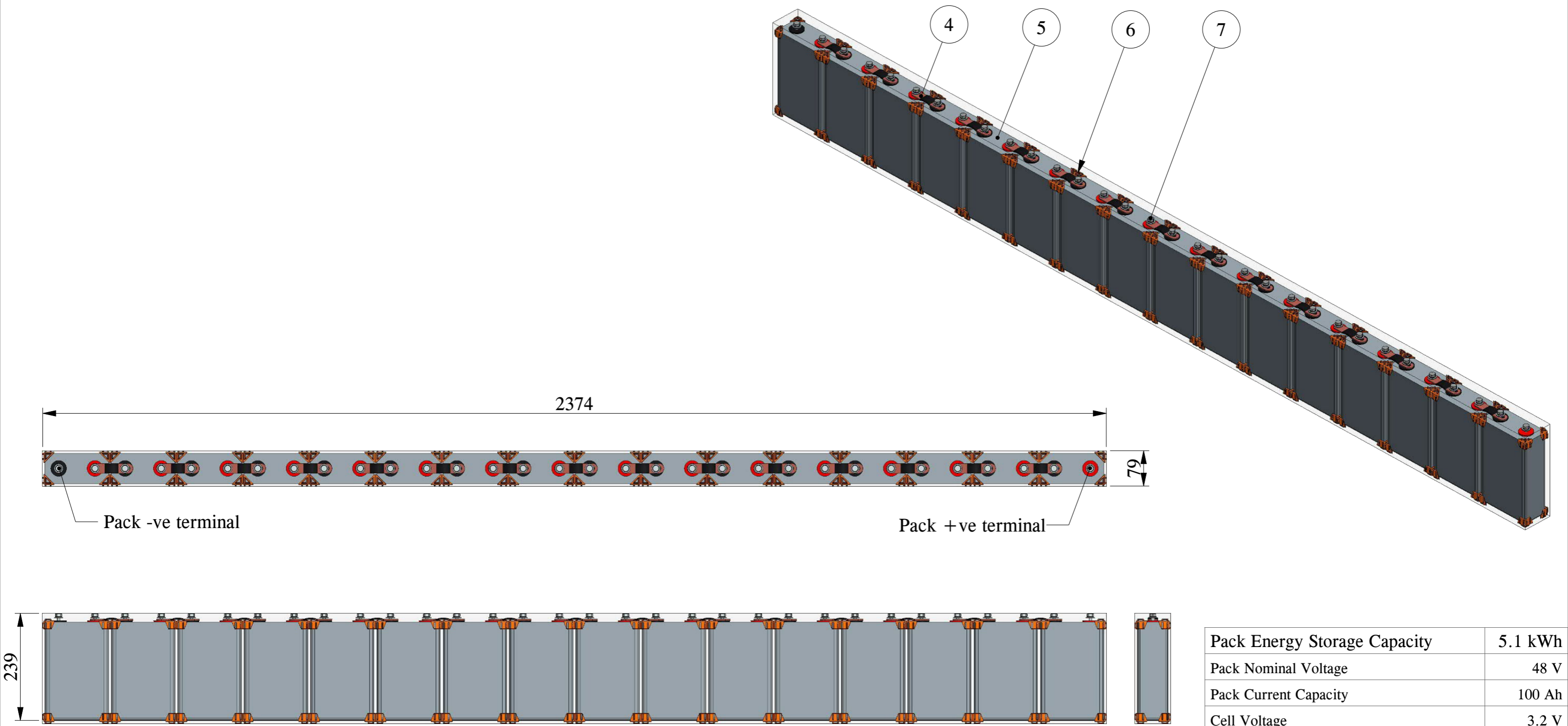
Prepared For

UNLESS OTHERWISE STATED  
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x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5


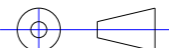


LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB100-1P16S-4X4-48V-AS		Drawing Number	48.96
Refer to BOM	Material	Assemble	Process
Initial Release			
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
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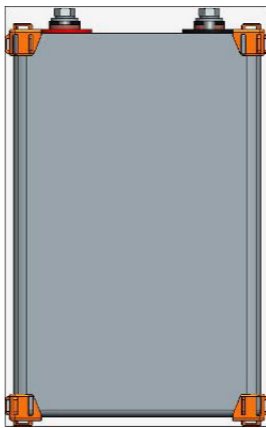
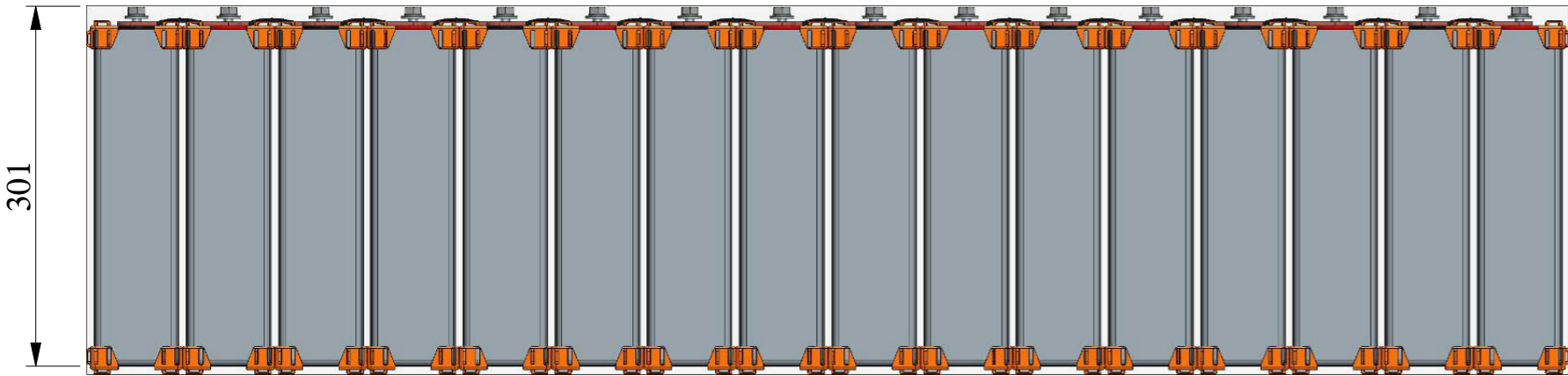
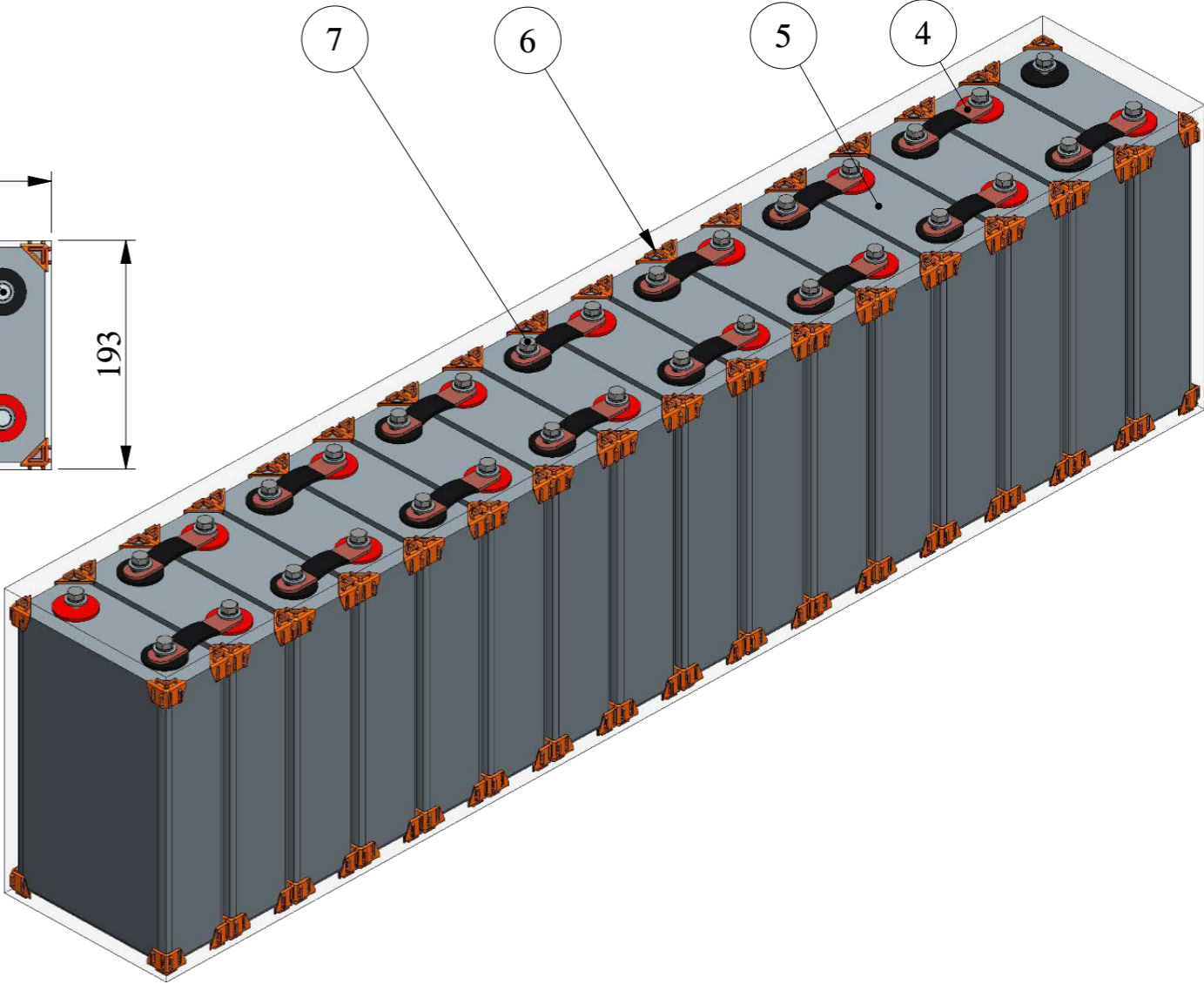
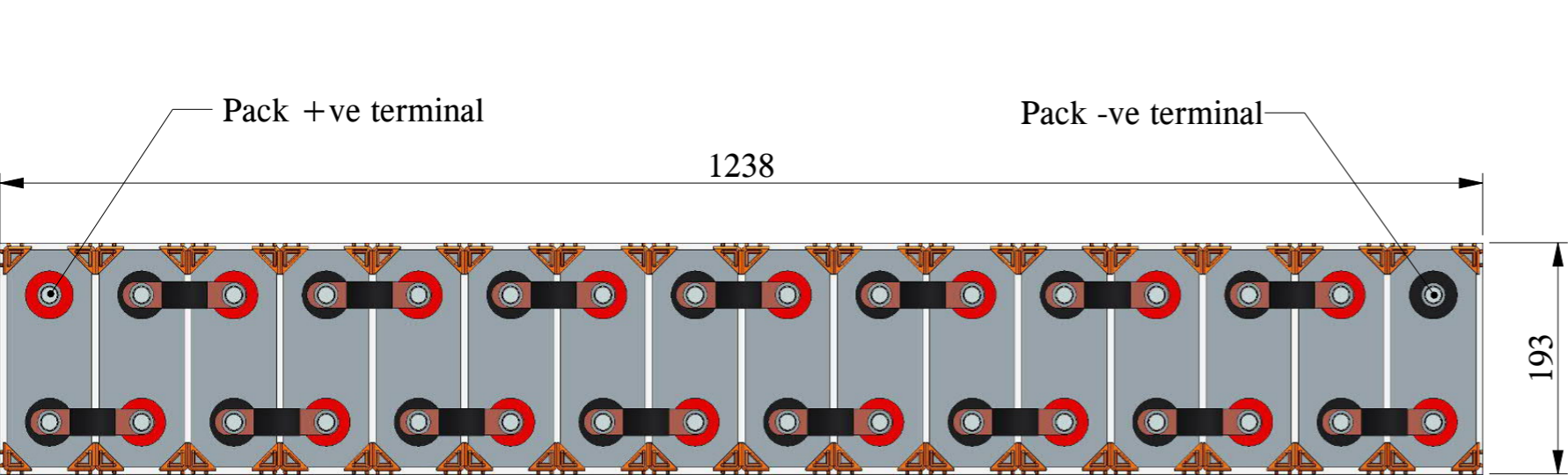
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	15
5	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	16
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32




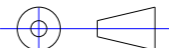
Pack Energy Storage Capacity	5.1 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	100 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	1
Series Cells	16

 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-CALB100-1P16SL-48V-AS				Drawing Number		48.96		Mass kg			
			Refer to BOM		Material		Assemble		Process		Finish			
			Initial Release						Current Revision Description					
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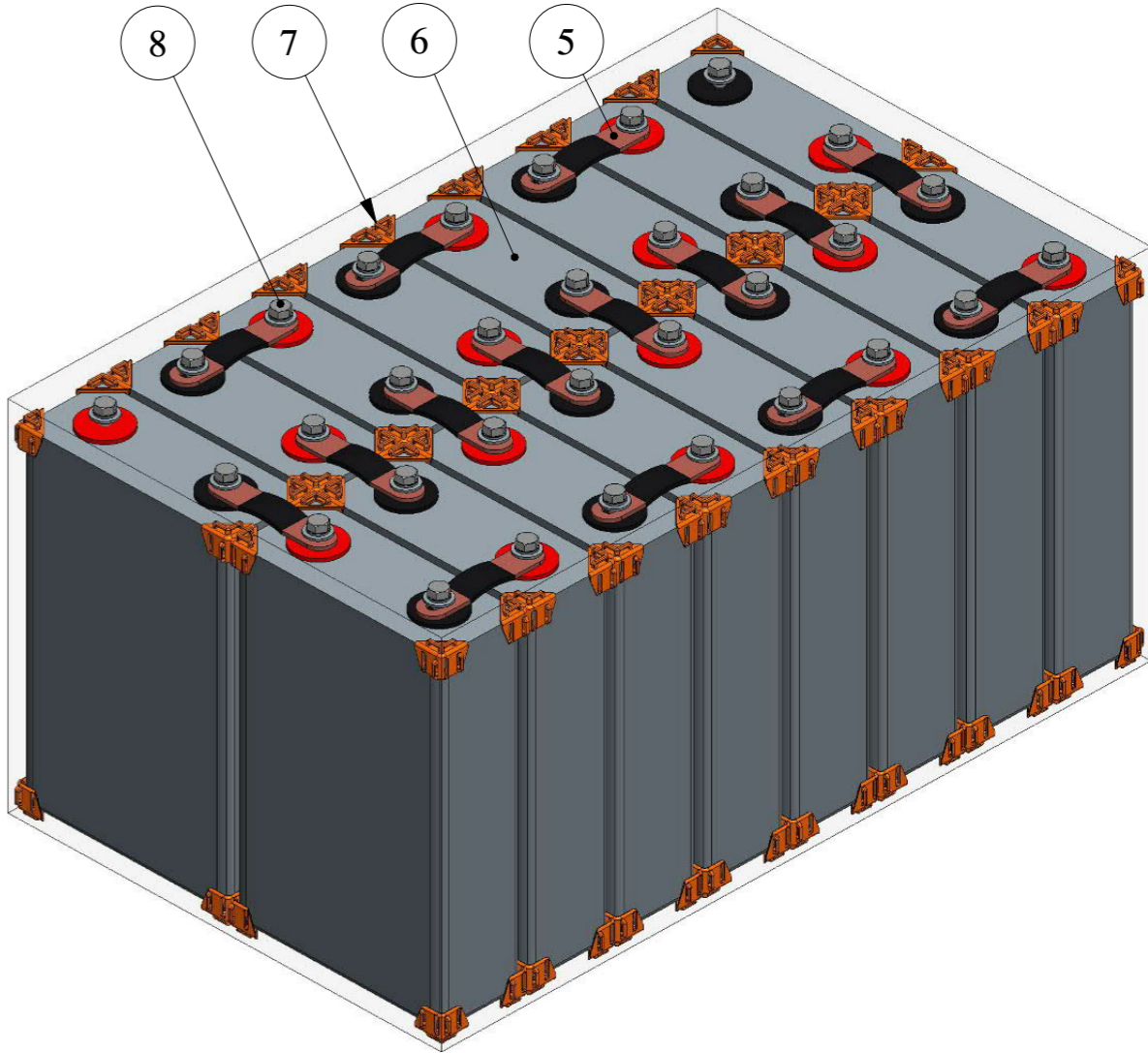
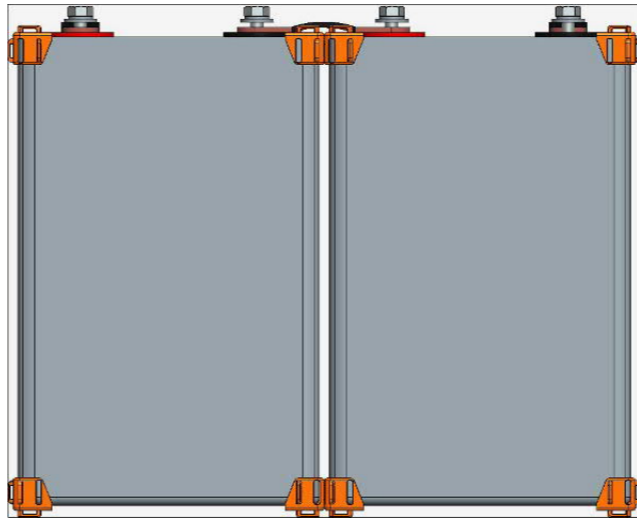
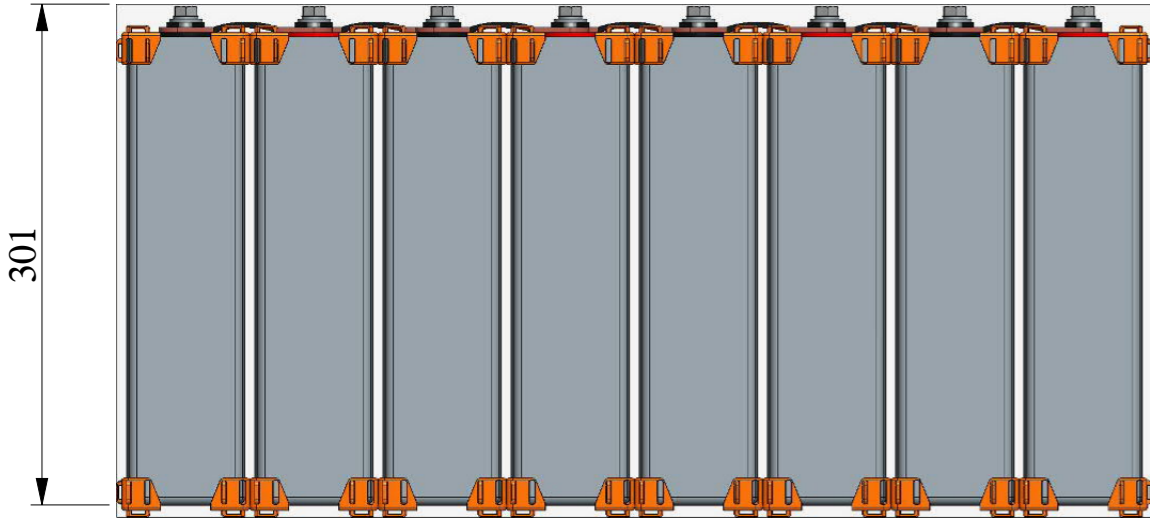
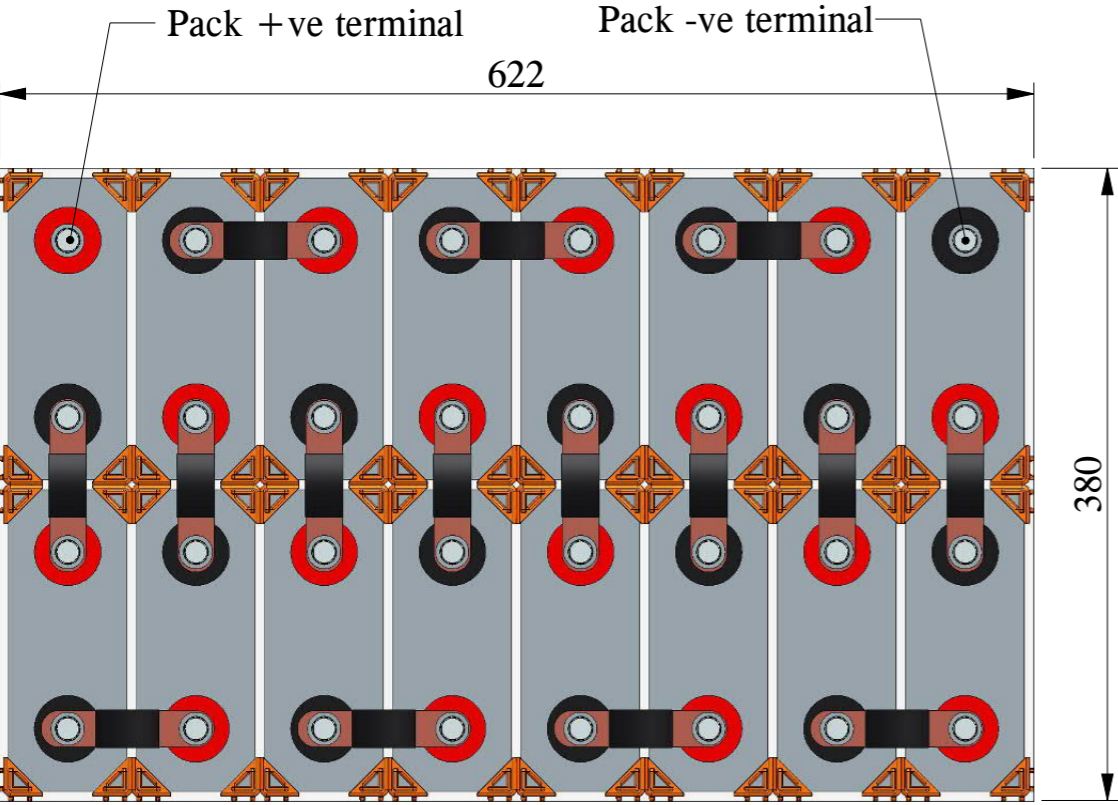
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	15
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	16
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	9.2 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	16

 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-CALB180-1P16S-48V-AS				Drawing Number		82.59		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 18				

Item	Part Number	REV	Description	Material	Mass Each kg	Qty
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	15
6	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	16
7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	9.2 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	16



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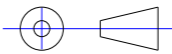
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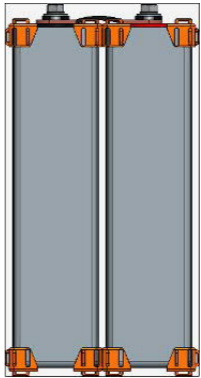
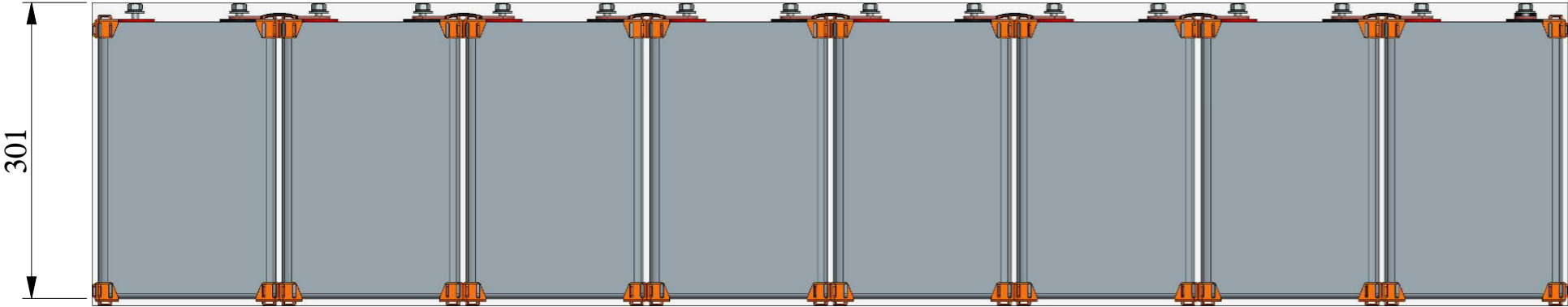
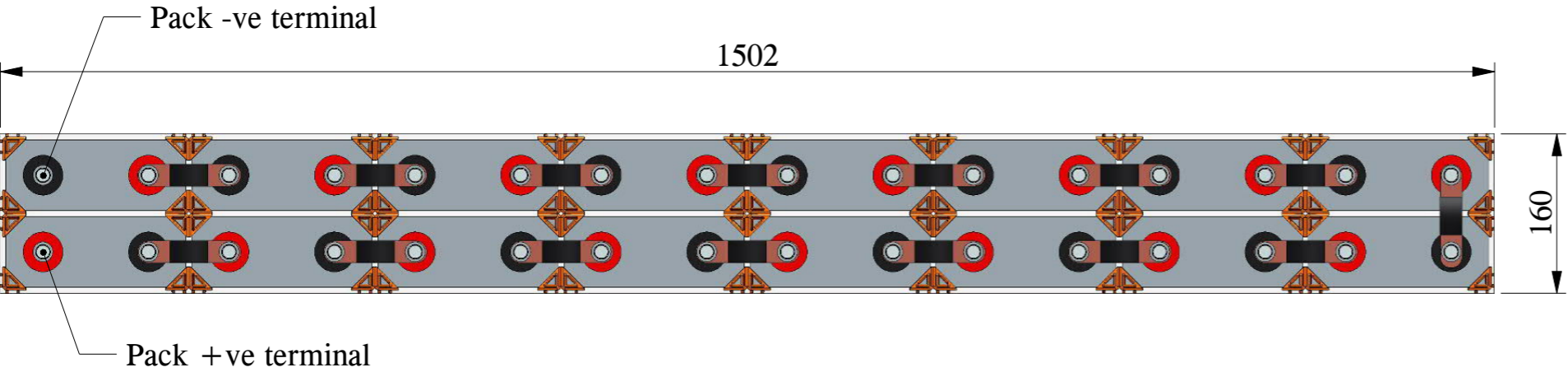
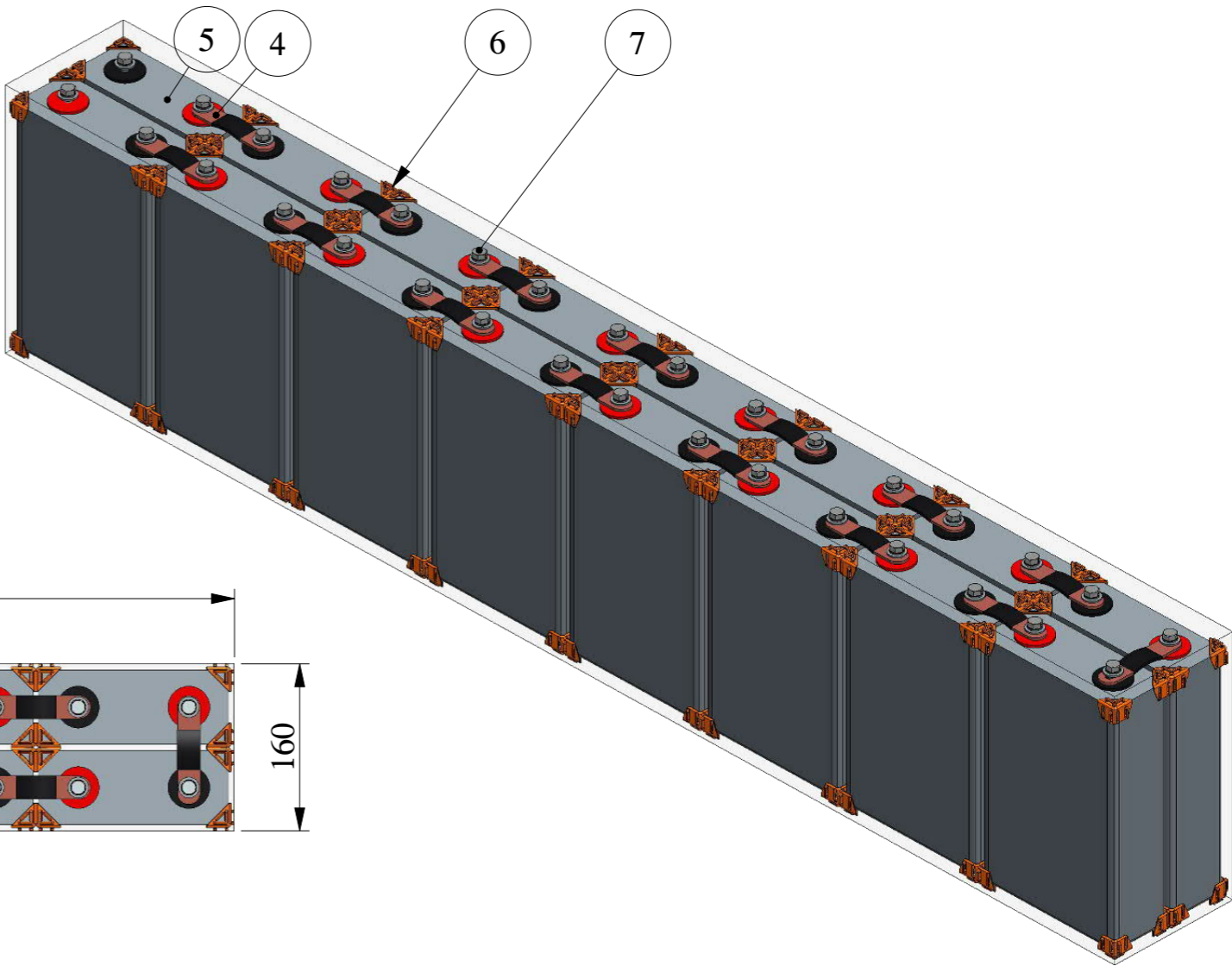
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UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5




LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB180-1P16S-2X8-48V-AS		Drawing Number	82.59
Refer to BOM		Material	Assemble
Initial Release		Current Revision Description	
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
Revision A 08Oct20		Sheet No 7 OF 18	

Item	Part Number	REV	Description	Material	Mass Each kg	Qty
4	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	15
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	16
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	48 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	16



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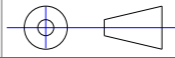
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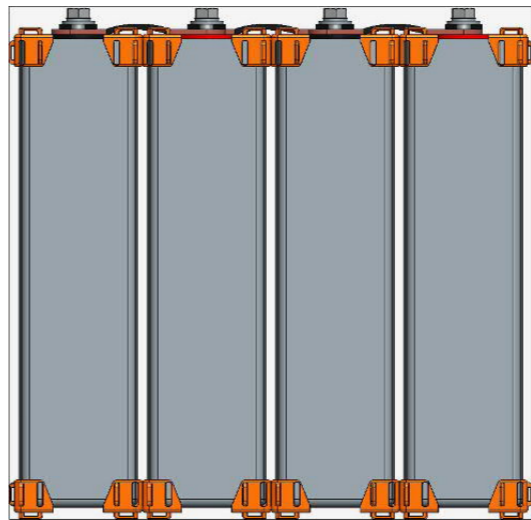
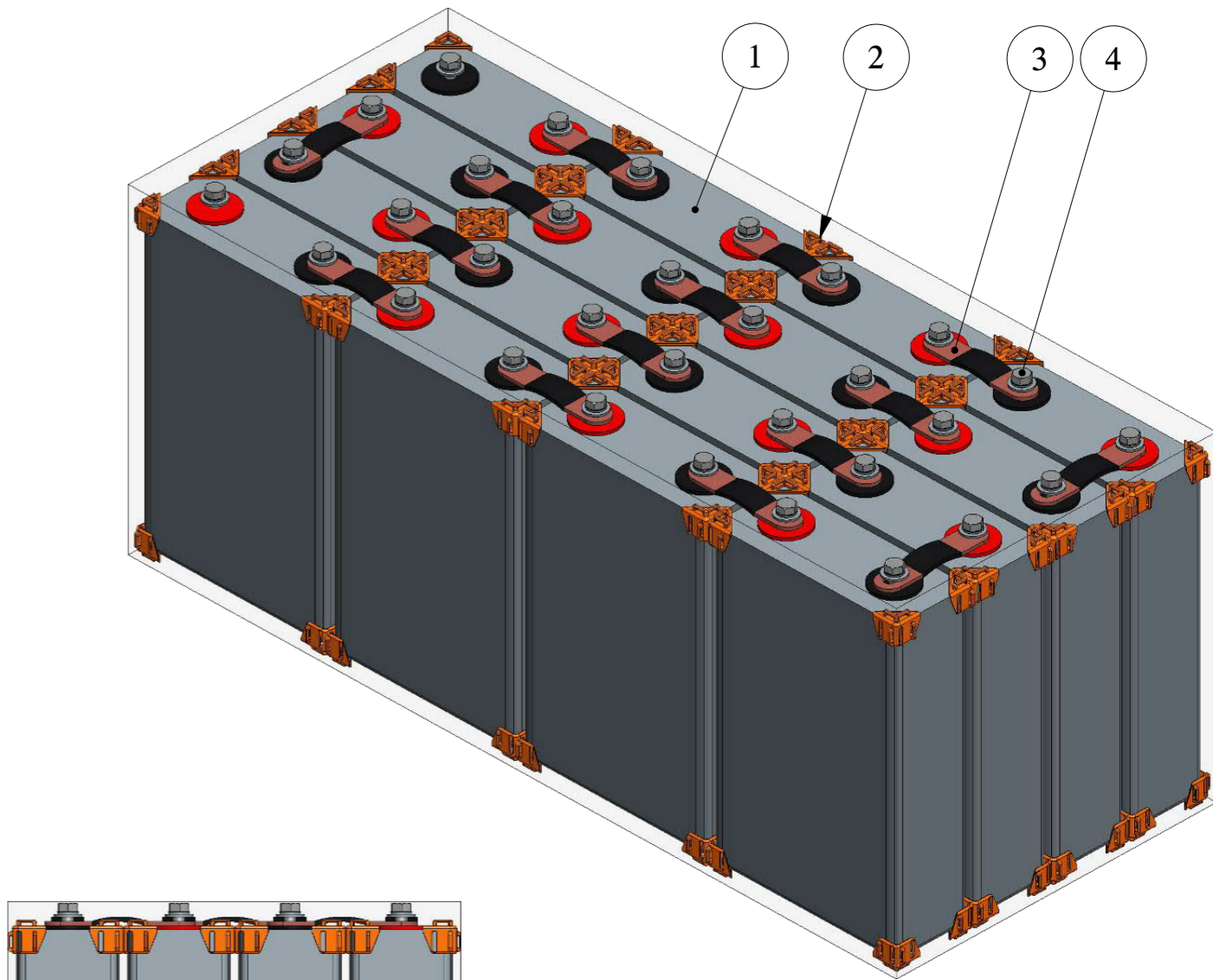
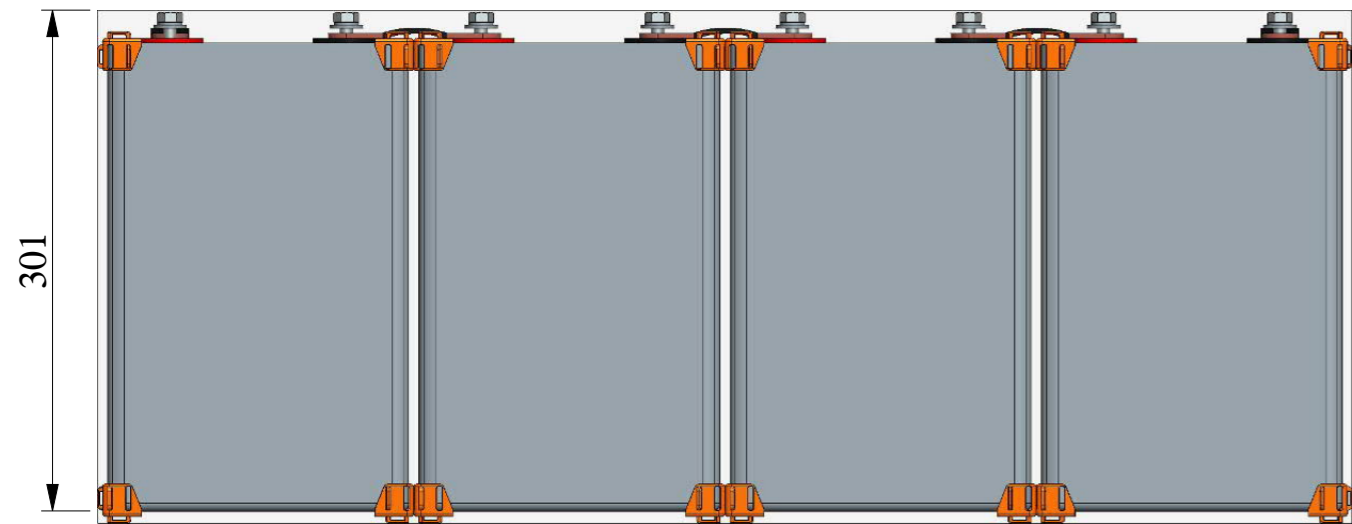
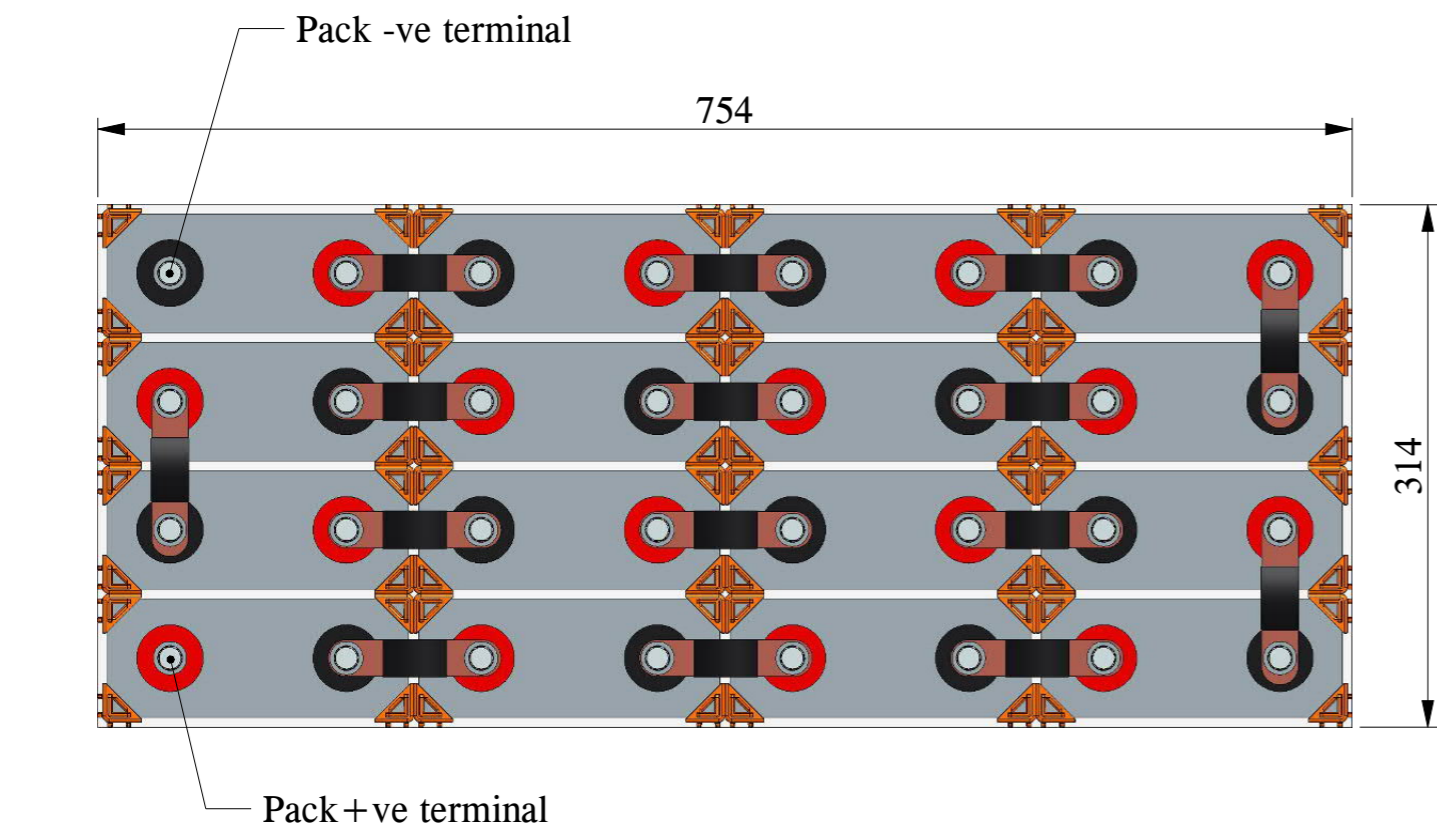
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x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB180-1P16S-8X2-48V-AS		Drawing Number	82.59
Refer to BOM	Material	Assemble	Process
Initial Release			
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20
Revision A 08Oct20			Sheet No 8 OF 18

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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	16
2	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	15
4	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	9.2 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	16

LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB180-1P16S-4X4-48V-AS		Drawing Number	82.59
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	9 OF 18



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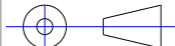
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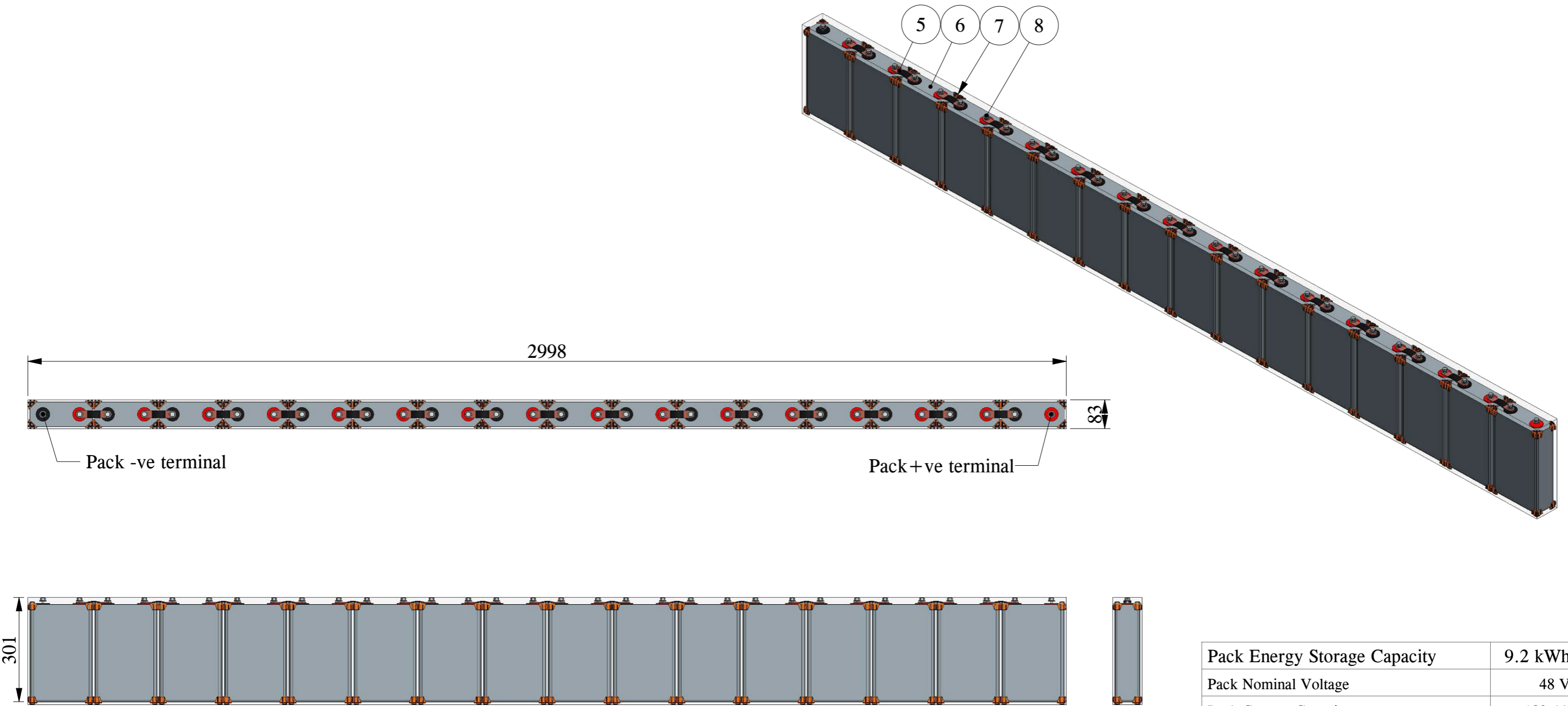
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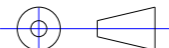
UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
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x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



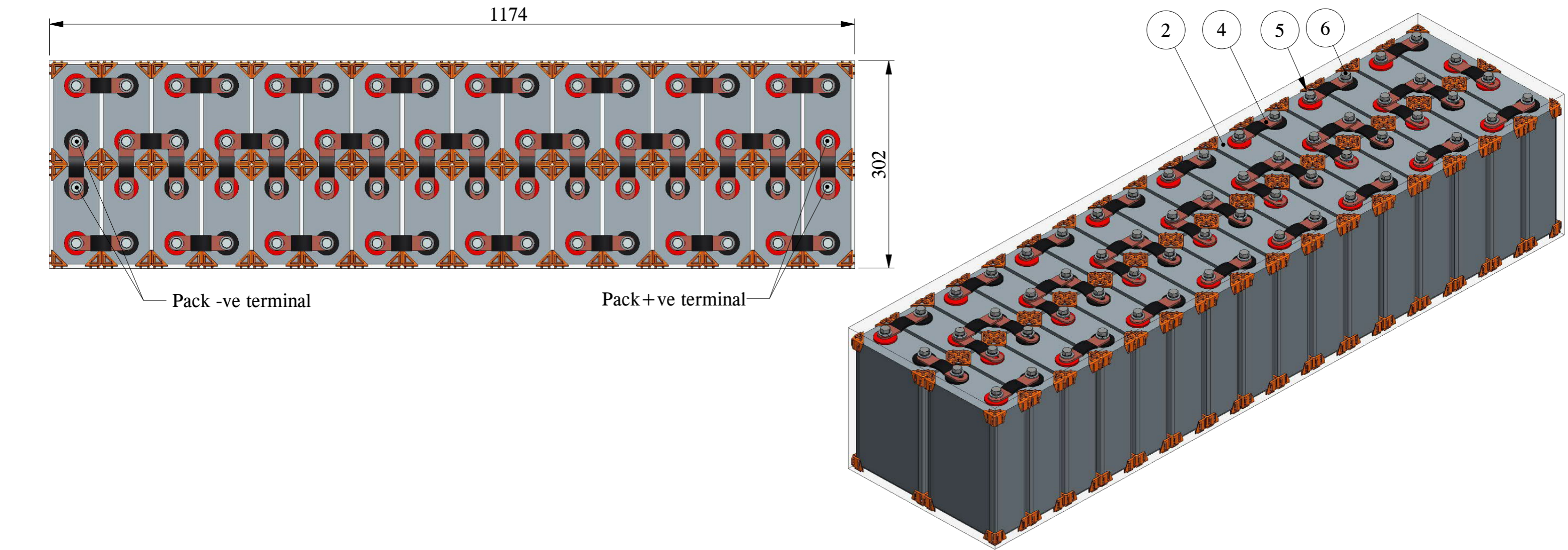
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	15
6	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	16
7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	128
8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	32



Pack Energy Storage Capacity	9.2 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	180 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	1
Series Cells	16

 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-CALB180-1P16SL-48V-AS				Drawing Number		82.59		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 18	

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
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	256
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	64



Pack Energy Storage Capacity	10.2 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	200 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	2
Series Cells	16

LiFePO4 Battery Pack		Description	
The Battery Volt		Project	
BV-CALB100-2P16S-48V-AS		Drawing Number	98.33
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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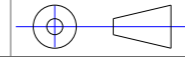
ACN 126 091 727

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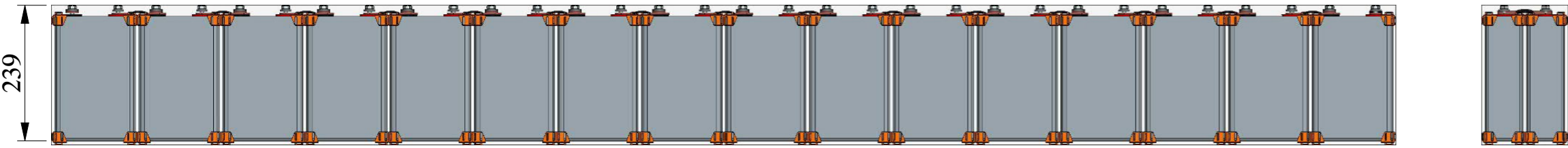
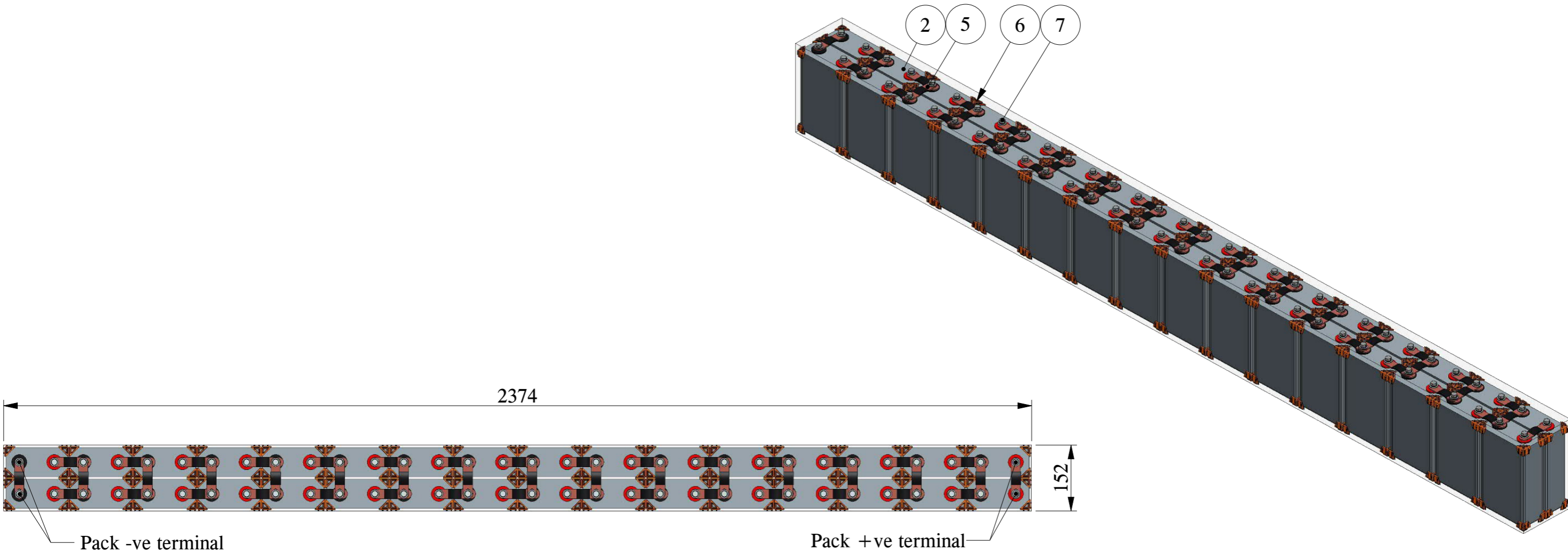
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UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



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	47
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	48 V
Pack Current Capacity	200 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	2
Series Cells	16



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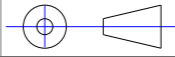
Prepared By

ACN 126 091 727

Prepared For

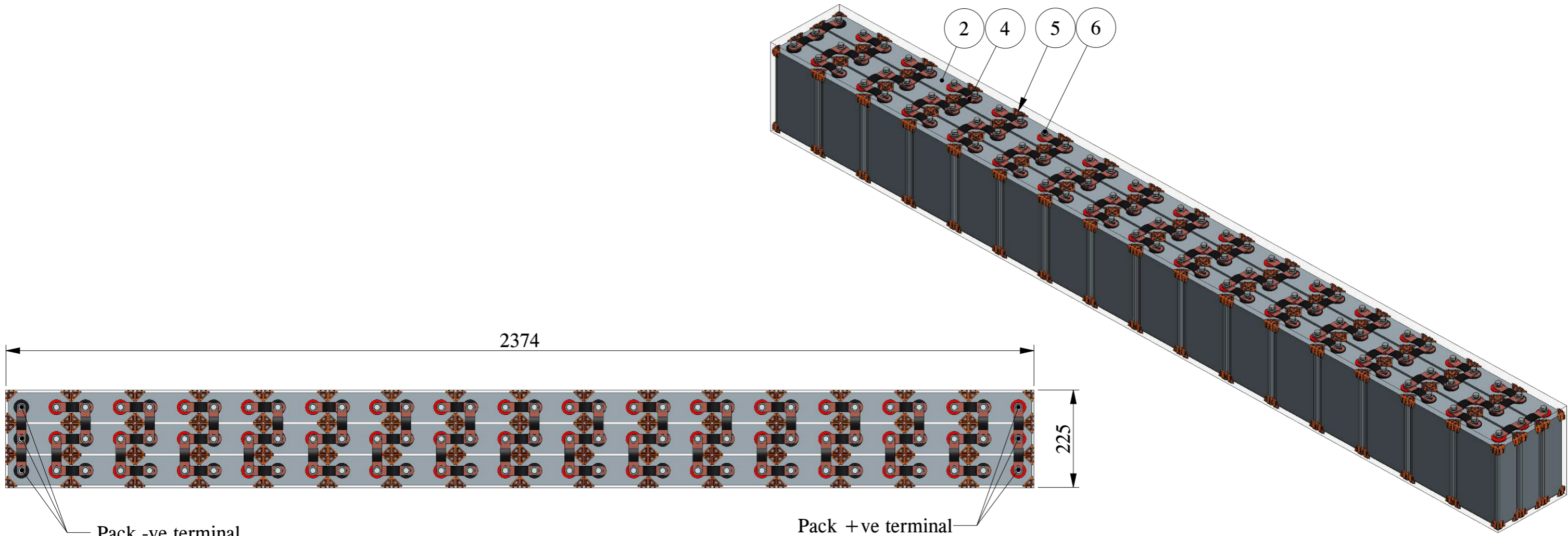
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UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



LiFePO4 Battery Pack					Description	
The Battery Volt					Project	
BV-CALB100-2P16SL-48V-AS				Drawing Number	98.68	Mass kg
Refer to BOM			Material	Assemble	Process	Finish
Initial Release						
Designed DH 01Oct20	Drawn DH 01Oct20	Checked DH 08Oct20	Approved DH 08Oct20	Revision A 08Oct20	Sheet No 12 OF 18	

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	48
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	79
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	384
6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	96



Pack Energy Storage Capacity	15.4 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	300 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	3
Series Cells	16

LiFePO4 Battery Pack						Description
The Battery Volt						Project
BV-CALB100-3P16SL-48V-AS				Drawing Number	148.41	Mass kg
Refer to BOM		Material	Assemble	Process	Finish	
Initial Release						Current Revision Description
Designed	Drawn	Checked	Approved	Revision	Sheet No	
DH	DH	DH	DH	A	13 OF 18	
01Oct20	01Oct20	08Oct20	08Oct20	08Oct20		



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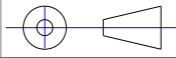
ACN 126 091 727

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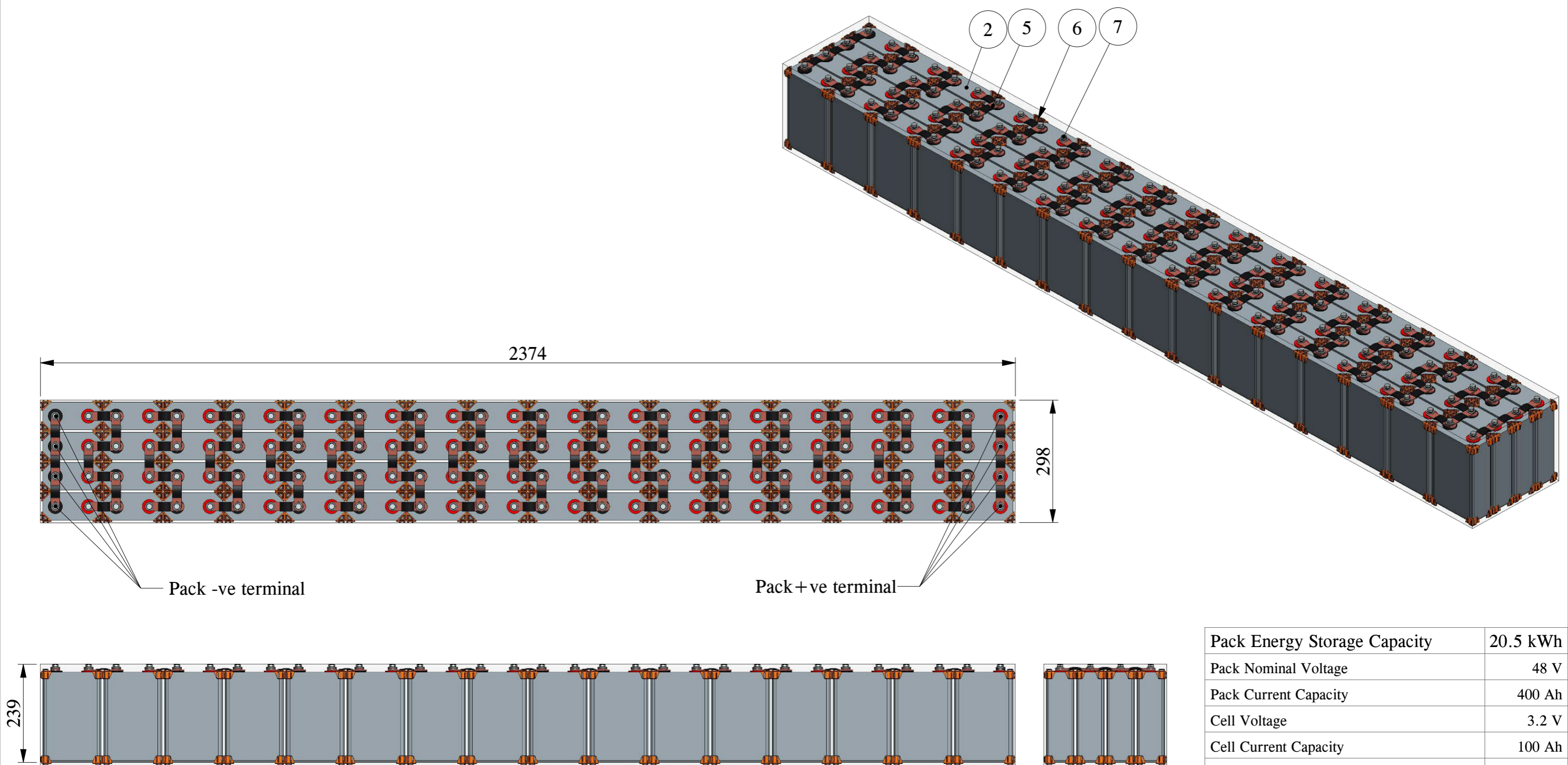
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UNLESS OTHERWISE STATED  
DIMS ARE IN MM  
TOLERANCES  
x.xx ± 0.01  
x.x ± 0.1  
x ± 0.5  
HOLE Ø +0.15  
ANGLES ± 0.5



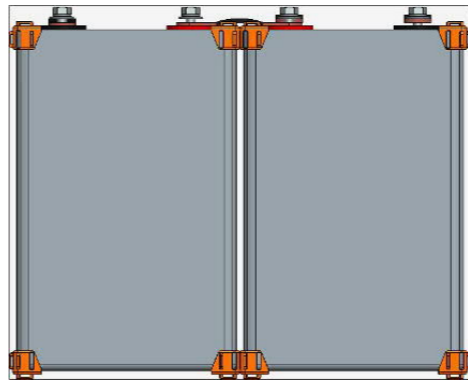
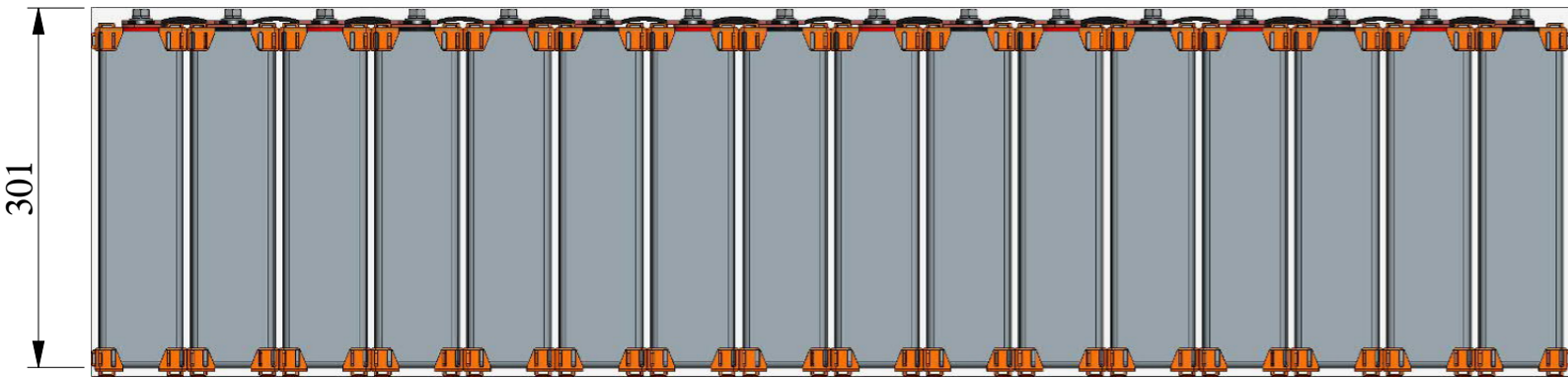
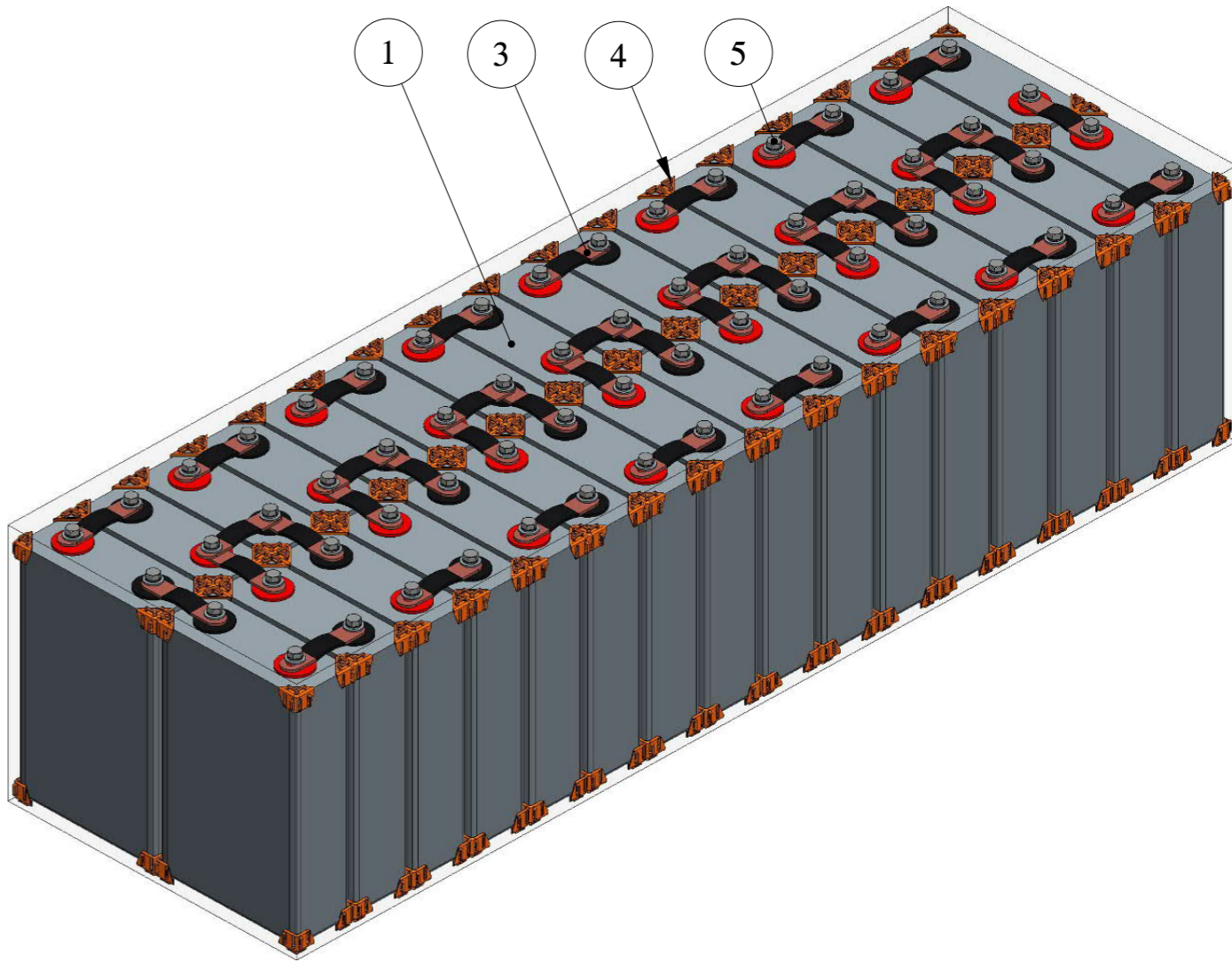
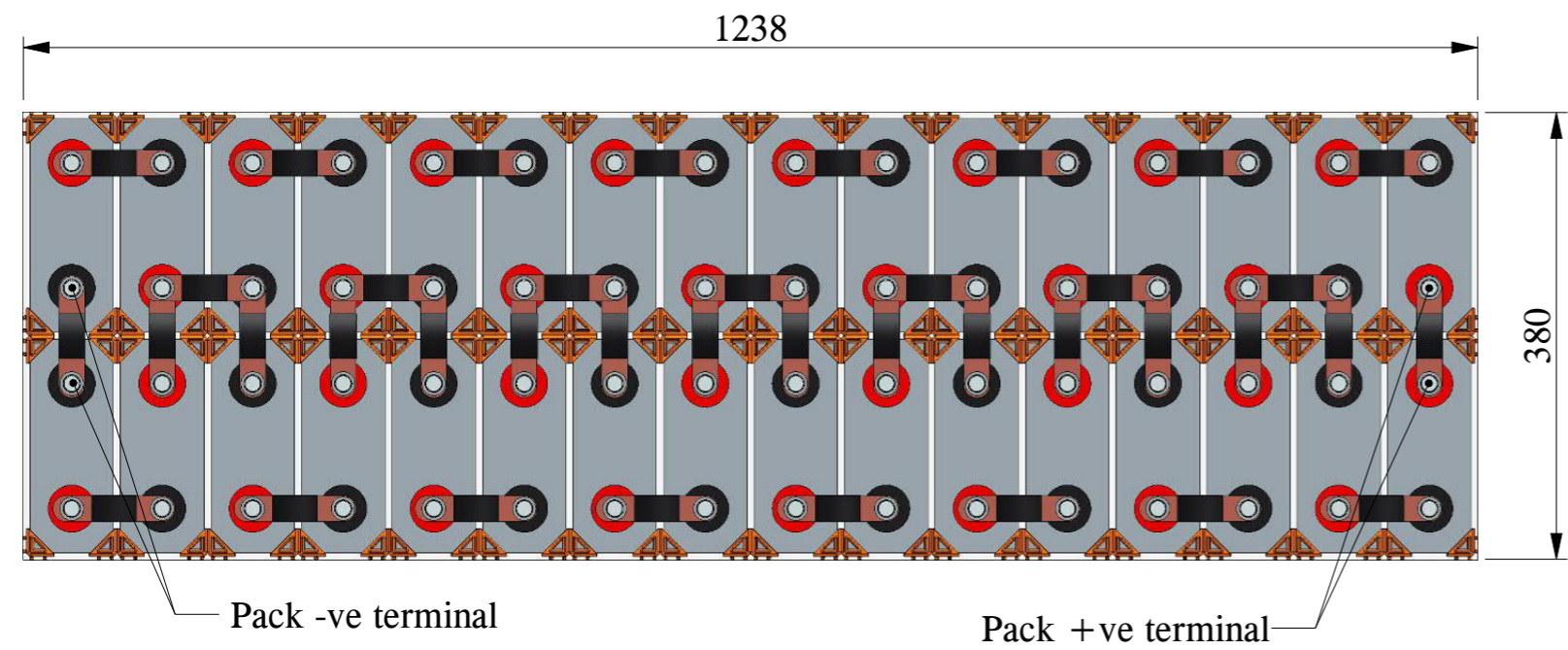
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2	SS-BV-CA100-PI	A	CALB 100 Ah LiFePO4 Cell	Lithium Iron Phosphate	2.9	64
5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	111
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	512
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	128




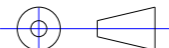
Pack Energy Storage Capacity	20.5 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	400 Ah
Cell Voltage	3.2 V
Cell Current Capacity	100 Ah
Parallel Cells	4
Series Cells	16

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-CALB100-4P16SL-48V-AS		Mass kg
				Refer to BOM		198.13
				Initial Release		Finish
				Designed DH 01Oct20		Current Revision Description
				Drawn DH 01Oct20		Sheet No
				Checked DH 08Oct20		14 OF 18
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				Revision A 08Oct20		

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	32
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	256
5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	64

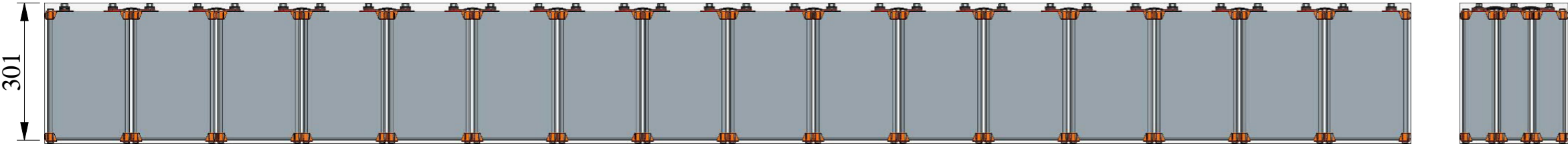
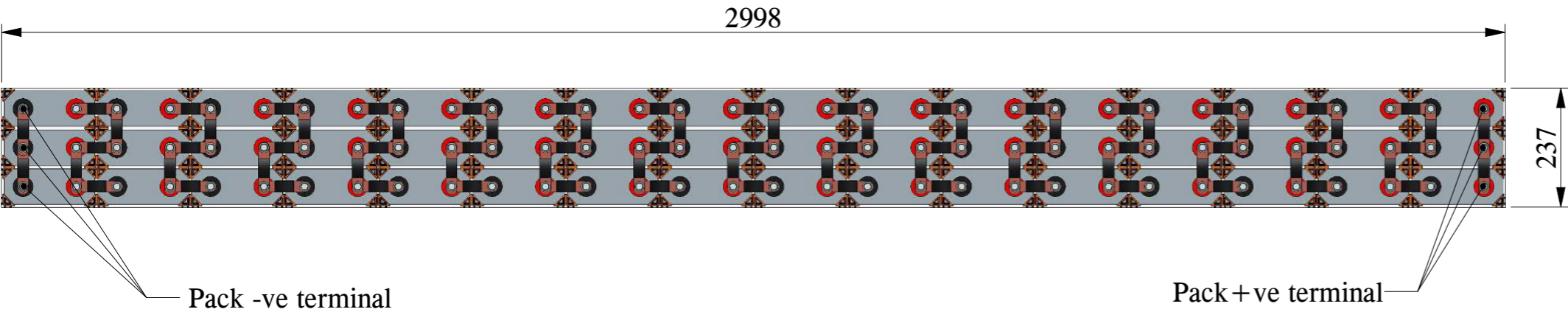
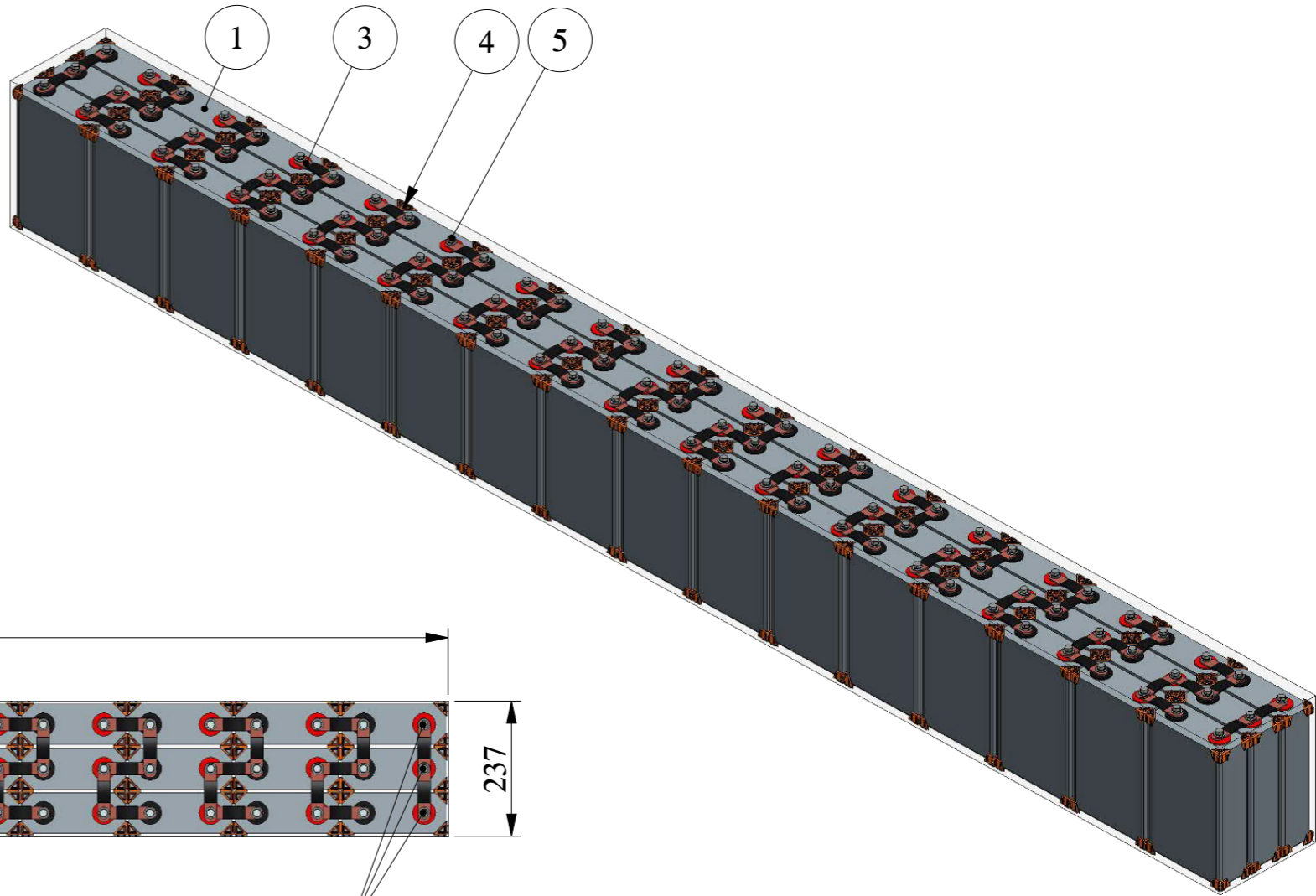


Pack Energy Storage Capacity	18.4 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	360 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	2
Series Cells	16


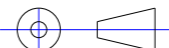
 GreenStorm Solutions www.greenstorm.com.au	Prepared By	UNLESS OTHERWISE STATED  DIMS ARE IN MM TOLERANCES x.xx ± 0.01 x.x ± 0.1 x ± 0.5  HOLE Ø +0.15 ANGLES ± 0.5  	LiFePO4 Battery Pack						Description	
	ACN 126 091 727		The Battery Volt						Project	
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For		BV-CALB180-2P16S-48V-AS				Drawing Number	165.63	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 15 OF 18		



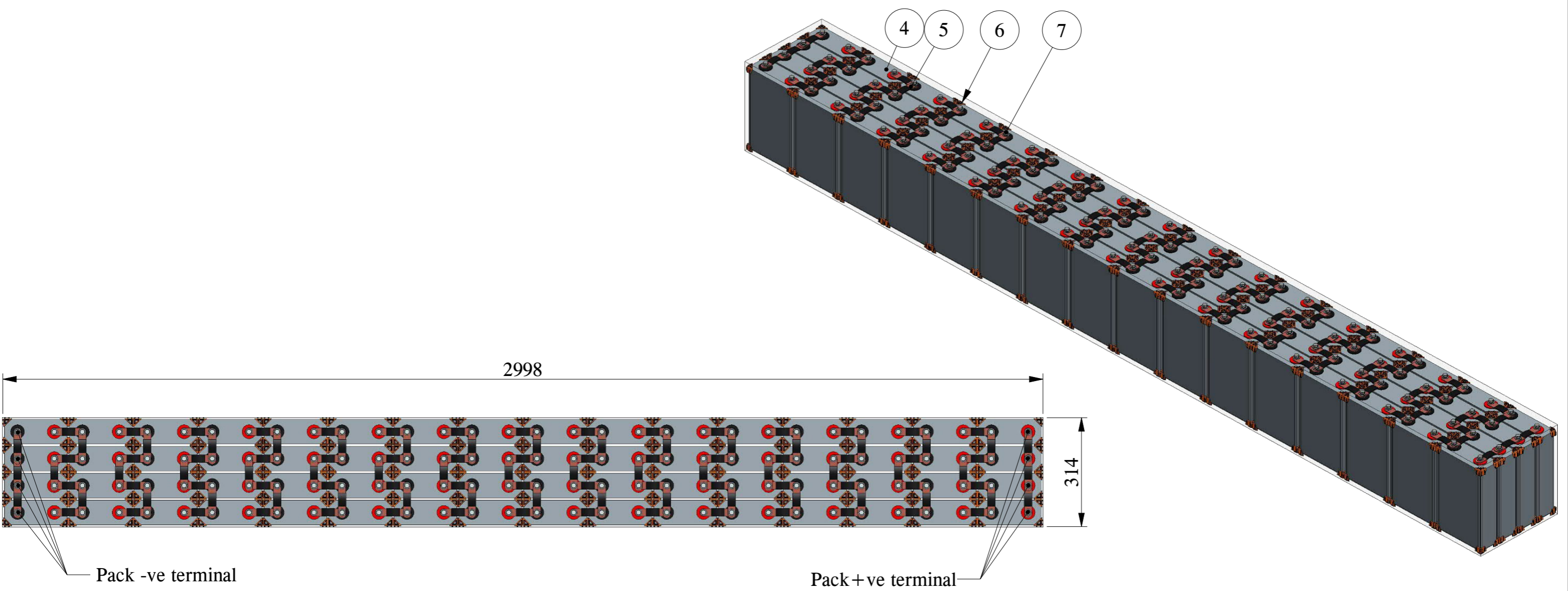
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
1	SS-BV-CA180-PI	A	CALB 180 Ah LiFePO4 Cell	Lithium Iron Phosphate	5.0	48
3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	79
4	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	384
5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	96



Pack Energy Storage Capacity	27.6 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	540 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	3
Series Cells	16

 <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		
			BV-CALB180-3P16SL-48V-AS						Drawing Number		249.47		Mass kg
			Refer to BOM				Material		Assemble		Process		Finish
			Initial Release								Current Revision Description		
SeaStorm Marine Pty Ltd www.seastorm.com.au	Prepared For		Designed	Drawn	Checked	Approved	Revision	Sheet No					
			DH 01Oct20	DH 01Oct20	DH 08Oct20	DH 08Oct20	A 08Oct20	17 OF 18					

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	64
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	111
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	512
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	128



Pack Energy Storage Capacity	36.9 kWh
Pack Nominal Voltage	48 V
Pack Current Capacity	720 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	4
Series Cells	16

LiFePO4 Battery Pack					Description
The Battery Volt					Project
BV-CALB180-4P16SL-48V-AS			Drawing Number	332.91	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 18 OF 18



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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

