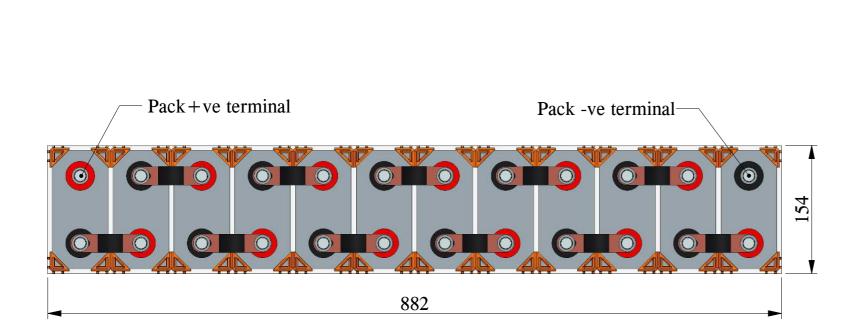
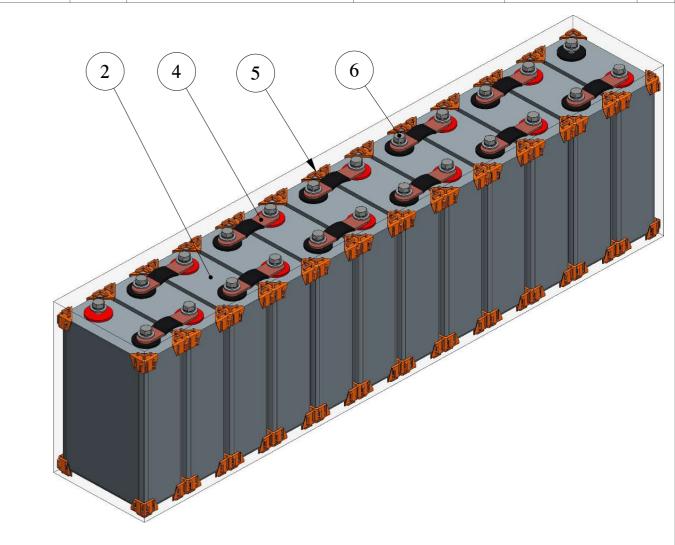
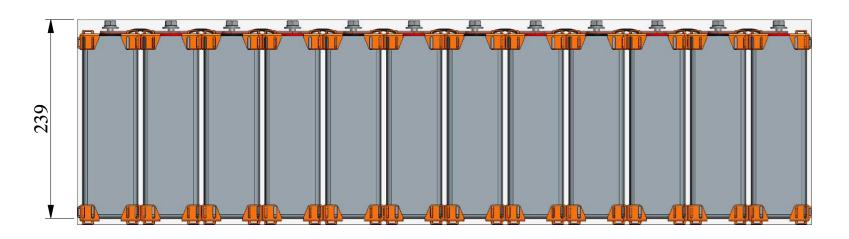
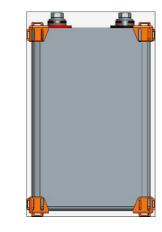
Item	Part Number	REV	Description	Material	Mass Each kg	Qty
2 SS-BV-CA100-PI A		A	CALB 100 Ah LiFEPO4 Cell Lithium Iron Phosphate 2.9		2.9	12
4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	11
5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
6	BV-LFP-M8-AS	Α	Screw, Washer, Spring Washer	Stainless Steel	0.0	24









	Pack Nominal Voltage
	Pack Current Capacity
	Cell Voltage
	Cell Current Capacity
	Parallel Cells
	Series Cells
UNLESS OTHERWISE	LiFePO4 Battery Pack
STATED DIMS ARE IN MM	The Battery Volt
TOLERACES $x.xx + 0.01$	BV-CALB100-1P12S-36V-A
$\begin{array}{c} x.xx \pm 0.01 \\ x.x \pm 0.1 \\ x + 0.5 \end{array}$	Refer to BOM
$X \pm 0.3$ HOLE $\emptyset + 0.15$	Initial Release

acity city Drawing Number -36V-AS Material Assemble

Drawn

DH

DH

Checked Approved

DH

DH

01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

Revision

Pack Energy Storage Capacity

3.8 kWh

36 V

100 Ah

3.2 V

100 Ah

1 OF 20

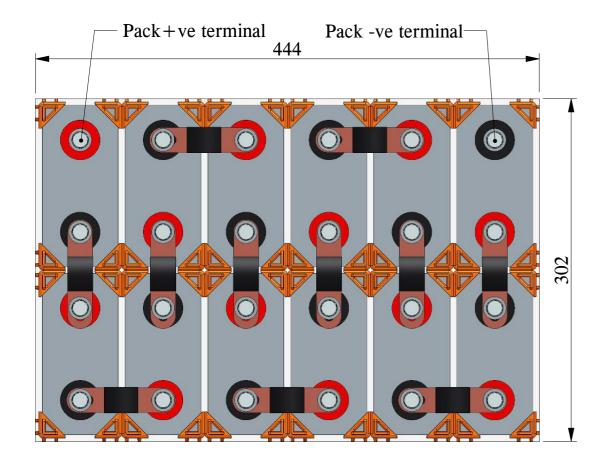
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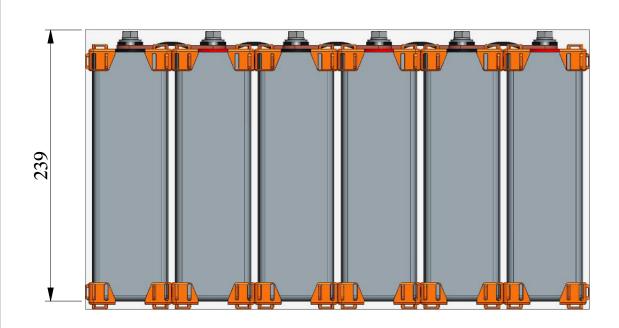
GreenStorm

SeaStorm Marine Pty Ltd www.seastorm.com.au

ACN 126 091 727 Prepared For

ANGLES $\pm~0.5$





		Pack Energy Storage Capacity	3.8 kWh
		Pack Nominal Voltage	36 V 100 Ah
		Pack Current Capacity Cell Voltage	3.2 V
		Cell Current Capacity	100 Ah
		Parallel Cells	1
		Series Cells	12
Prepared By	UNLESS OTHERWISE	LiFePO4 Battery Pack	Description
GreenStorm	STATED DIMS ARE IN MM	The Battery Volt	Project
Solutions www.greenstorm.com.au ACN 126 091 727	TOLERACES $x.xx \pm 0.01$	BV-CALB100-1P12S-2X6-36V-AS Drawing Number	41.42
SeaStorm Marine Pty Ltd Prepared For	$\begin{array}{c} { m x.x \pm 0.1} \\ { m x \pm 0.5} \end{array}$	Refer to BOM Material Assemble Process	Finish evision Description
www.seastorm.com.au	HOLE \emptyset +0.15 ANGLES \pm 0.5	Initial Release Designed Drawn Checked Approved Revision	Sheet No
		DH DH DH DH A 01Oct20 01Oct20 08Oct20 08Oct20 08Oct20	2 OF 20

Description

Busbar

2

Α

Α

A

CALB 100 Ah LiFEPO4 Cell

Ligo Air Space Connectors

Screw, Washer, Spring Washer

Material

Copper

3D Printed PLA

Stainless Steel

Lithium Iron Phosphate 2.9

Mass Each kg

0.0

0.0

0.0

Qty

12

11

96

24

Part Number

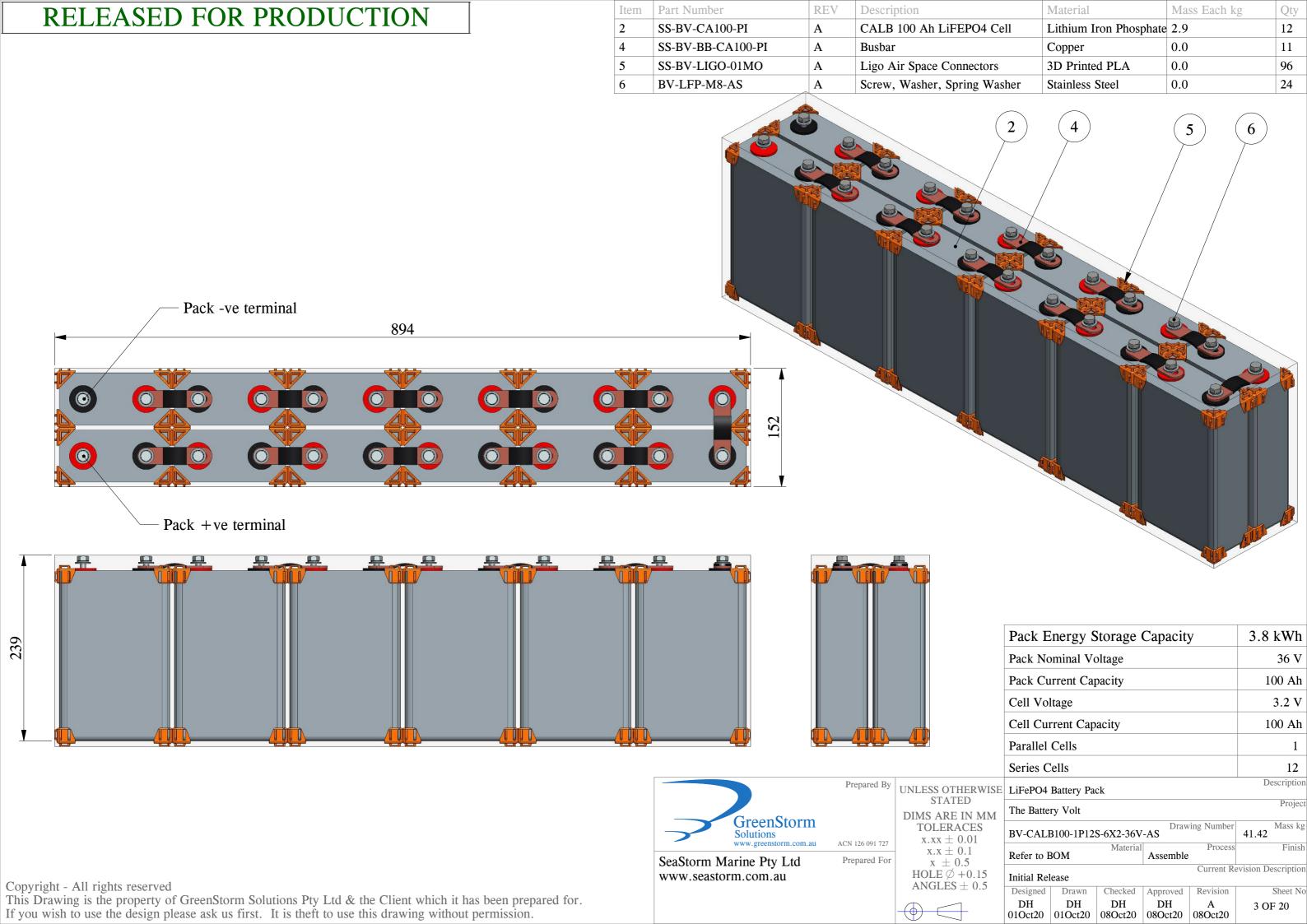
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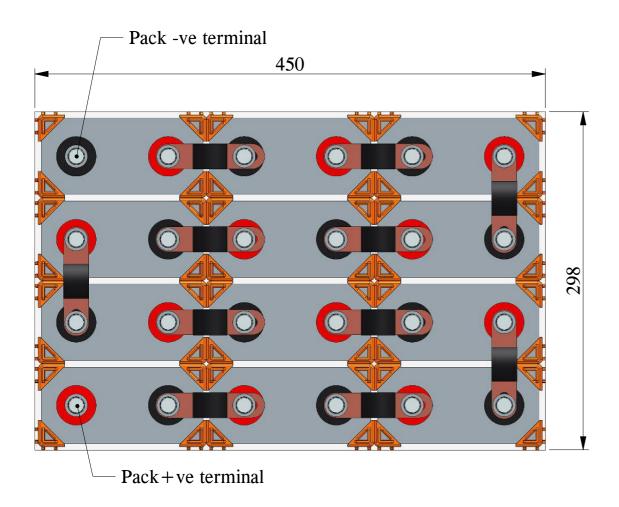
SS-BV-CA100-PI

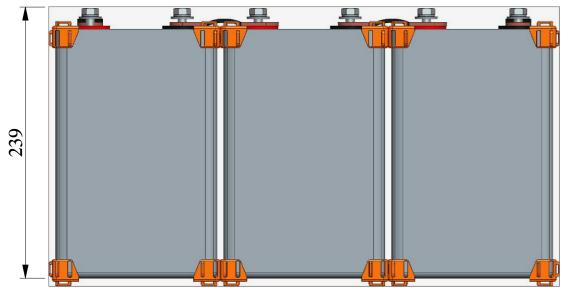
BV-LFP-M8-AS

SS-BV-BB-CA100-PI

SS-BV-LIGO-01MO







	4	SS-BV-BB-CA100-PI	A Bu	sbar		Copper	0.0	11
	5	SS-BV-LIGO-01MO	A Lig	go Air Space Connectors		3D Printed PLA	0.0	96
	6	BV-LFP-M8-AS	A Sci	rew, Washer, Spring Wash	her	Stainless Steel	0.0	24
							5	6
						Energy Storage C	capacity	3.8 kWh
				-		ominal Voltage urrent Capacity		36 V 100 Ah
					Cell Vo			3.2 V
						arrent Capacity		100 Ah
					Parallel			1
_1				-	Series (12
			Prepared	d By UNLESS OTHERWISE		Battery Pack		Description
				STATED	The Batte			Project
		GreenStorm		TOLERACES	BV-CAL	.B100-1P12S-3X4-36V-		41.42 Mass kg
	-	www.greenstorm.com. SeaStorm Marine Pty Ltd	au ACN 126 091 Prepared	$x.x \pm 0.1$	Refer to	BOM Material	Assemble Process	
		www.seastorm.com.au	Поршо	HOLE \emptyset +0.15	Initial Re			evision Description
				ANGLES ± 0.5	Designed DH 01Oct20	DH DH	Approved Revision DH A 08Oct20 08Oct20	Sheet No 4 OF 20

Description

CALB 100 Ah LiFEPO4 Cell

Material

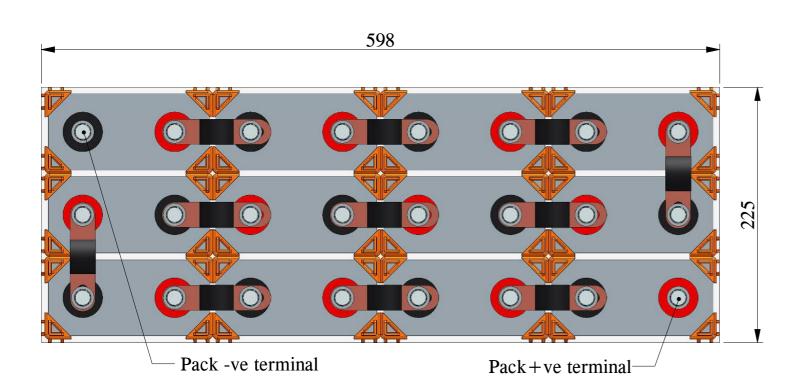
Lithium Iron Phosphate 2.9

Mass Each kg

Qty 12

Part Number

SS-BV-CA100-PI



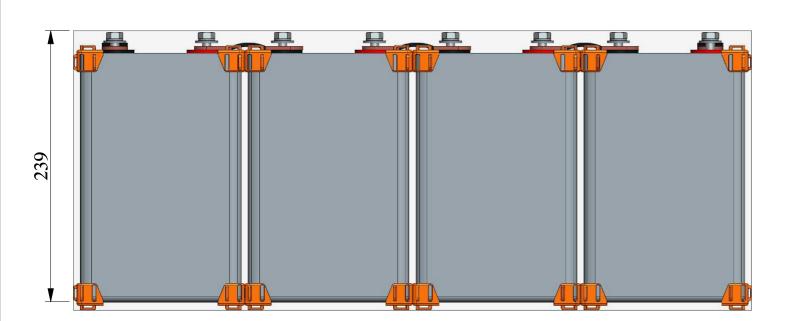
Part Number

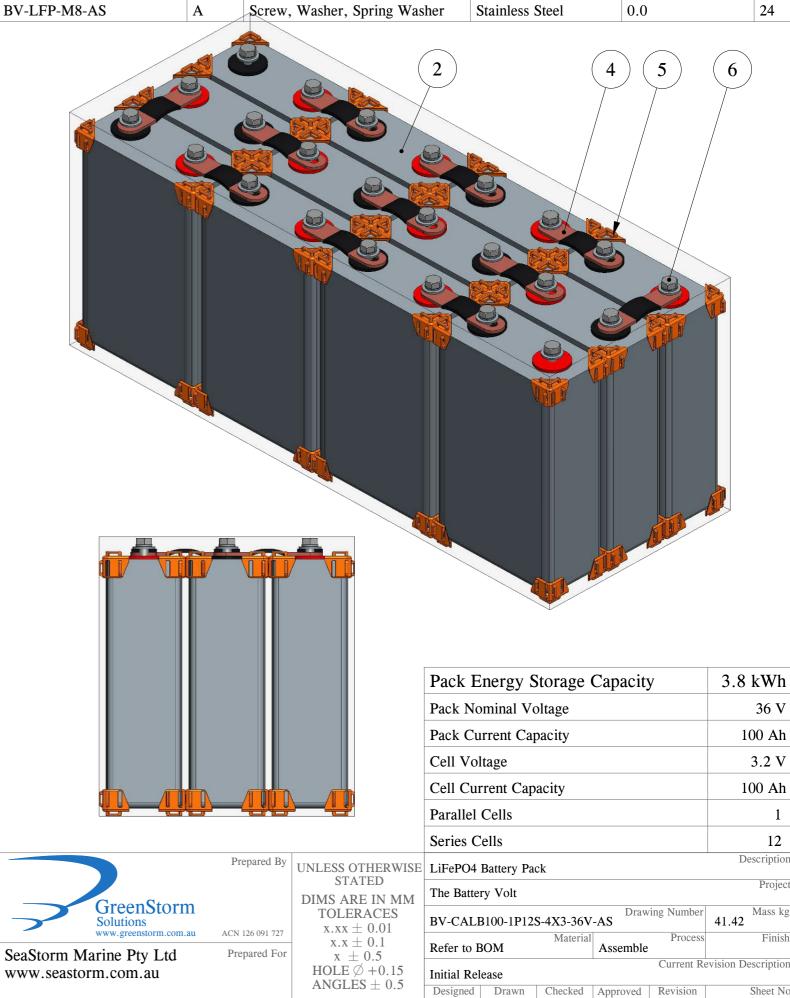
5

SS-BV-CA100-PI

SS-BV-BB-CA100-PI

SS-BV-LIGO-01MO





Material

Copper

3D Printed PLA

Lithium Iron Phosphate 2.9

DH

01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

DH

DH

DH

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Description

Busbar

Α

Α

Α

CALB 100 Ah LiFEPO4 Cell

Ligo Air Space Connectors

Mass Each kg

0.0

0.0

Qty

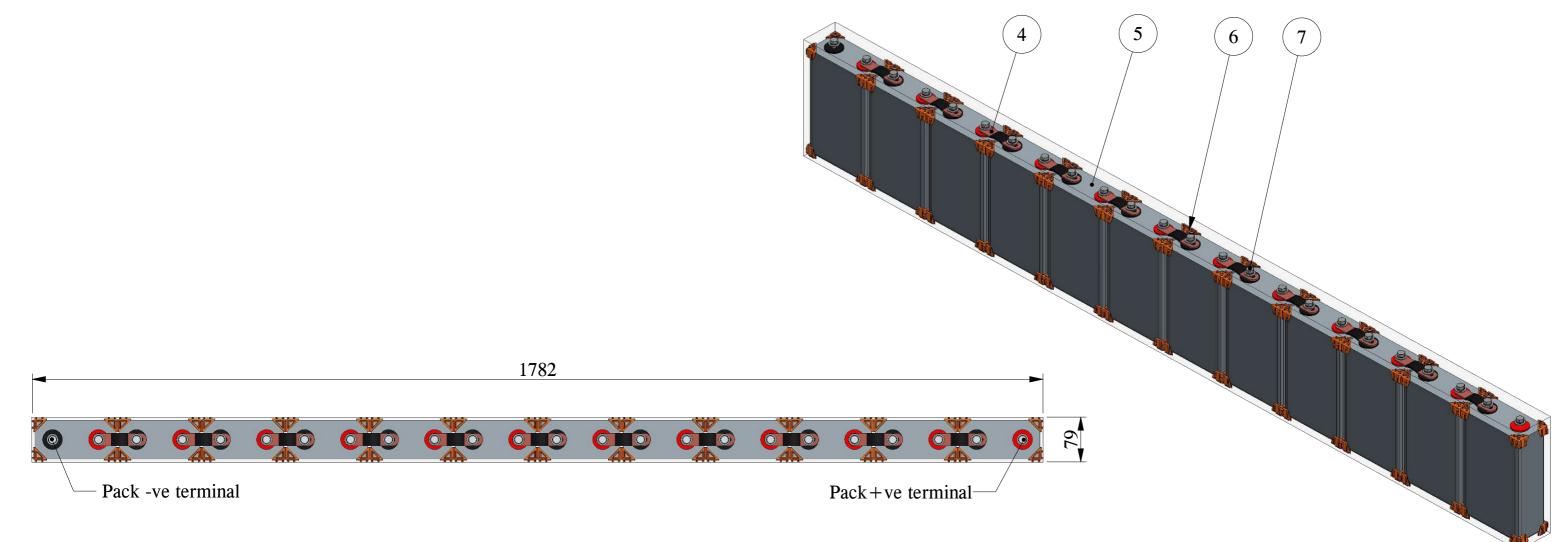
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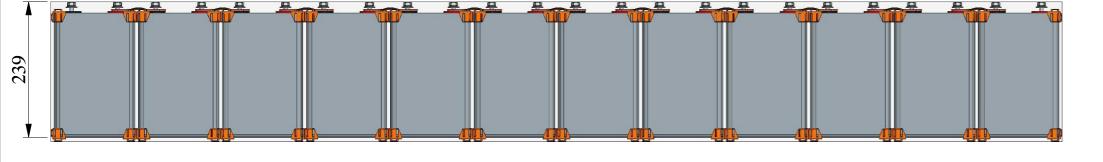
11

96

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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	11
5	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	12
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	24







	Pack No	minal Vo	oltage					
	Pack Current Capacity							
	Cell Vol	ltage						
	Cell Cui	rrent Cap	acity					
	Parallel	Cells						
	Series C	ells						
UNLESS OTHERWISE	LiFePO4 Battery Pack							
STATED DIMS ARE IN MM	The Battery Volt							
TOLERACES x.xx + 0.01	BV-CALB100-1P12SL-36V-AS Drawing Number							
$\begin{array}{c} x.x \pm 0.01 \\ x.x \pm 0.1 \\ x \pm 0.5 \end{array}$	Refer to I	ВОМ	Material	Assemble	Process			
HOLE \emptyset +0.15 ANGLES + 0.5	Initial Release Current R							
ANGLES ± 0.5	Designed	Drawn	Checked	Approved	Revision			
	DH 01Oct20	DH 01Oct20	DH 08Oct20	DH 08Oct20	A 08Oct20			

GreenStorm ACN 126 091 727 SeaStorm Marine Pty Ltd www.seastorm.com.au

Prepared For

Pack Energy Storage Capacity

Drawing Number Mass kg 41.42 Material Assemble

Revision DH Α

3.8 kWh

36 V

100 Ah

3.2 V

100 Ah

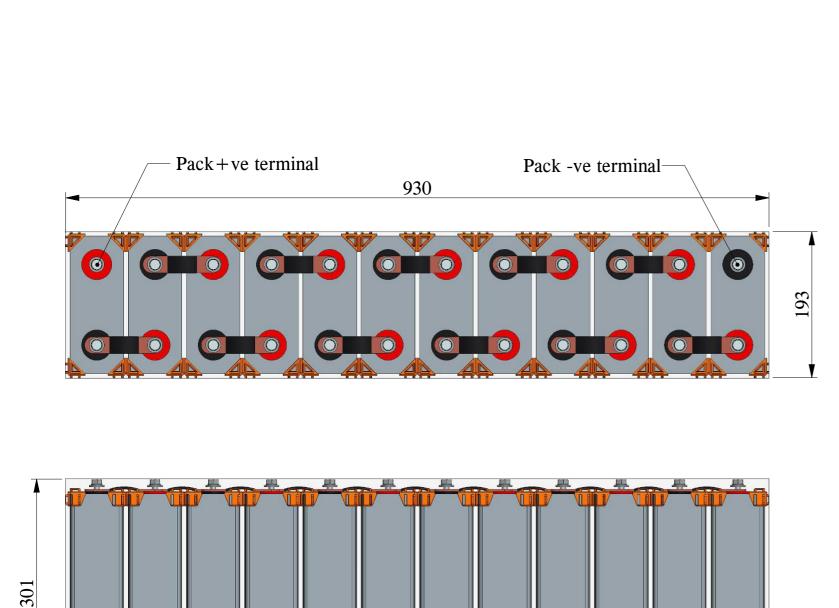
12 Description

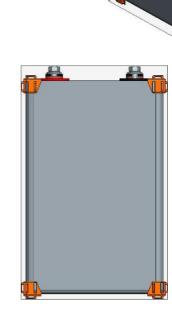
Sheet No

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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	11
5	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	12
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	24





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Pack Current Capacity Cell Voltage Cell Current Capacity Initial Release

DIMS ARE IN MM **TOLERACES** $x.xx \pm 0.01$ $x.x \pm 0.1$ $\begin{array}{c} x \; \pm \; 0.5 \\ \text{HOLE} \, \varnothing \; + 0.15 \end{array}$ ANGLES $\pm~0.5$

Parallel Cells Series Cells UNLESS OTHERWISE STATED LiFePO4 Battery Pack The Battery Volt Refer to BOM

DH

Drawing Number

Checked Approved

DH

01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

Pack Energy Storage Capacity

Pack Nominal Voltage

Drawn

DH

BV-CALB180-1P12S-36V-AS 41.42 Assemble

DH

Revision

6.9 kWh

36 V

180 Ah

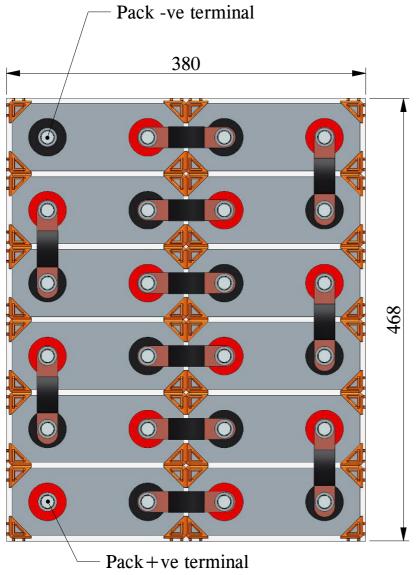
3.2 V

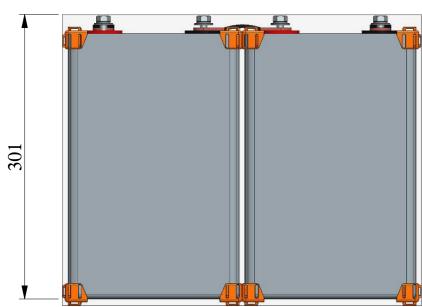
180 Ah

7 OF 20

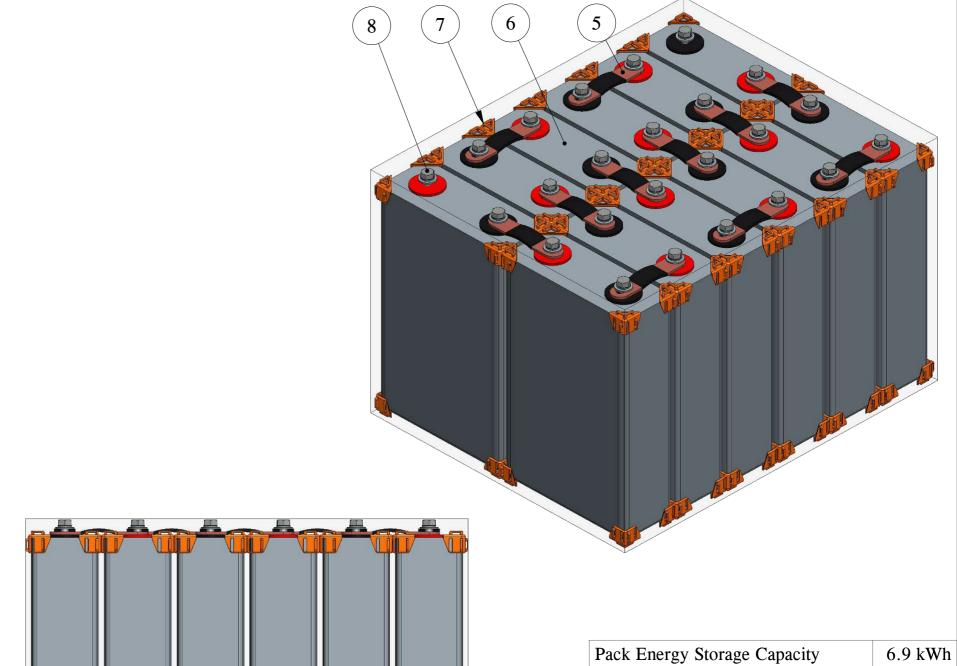
12 Description

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Item		Part Number	REV	Description	Material	Mass Each kg	Qty
	5	SS-BV-BB-CA180-PI	A	Busbar	0.1	11	
	6	SS-BV-CA180-PI A		CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	12
	7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
	8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	24





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TOLERACES $x.xx \pm 0.01$ $x.x \pm 0.1$ ANGLES $\pm~0.5$

Series Cells UNLESS OTHERWISE STATED LiFePO4 Battery Pack The Battery Volt DIMS ARE IN MM

Pack Nominal Voltage

Pack Current Capacity

Cell Current Capacity

Cell Voltage

Parallel Cells

12 Description

36 V

180 Ah

3.2 V

180 Ah

Sheet No

Mass kg Drawing Number BV-CALB180-1P12S-2X6-36V-AS 41.42 Refer to BOM Assemble Current Revision Description

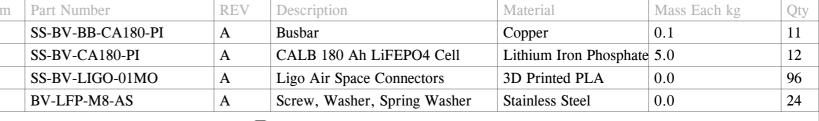
Initial Release

Drawn Checked Approved Revision DH DH DH 8 OF 20

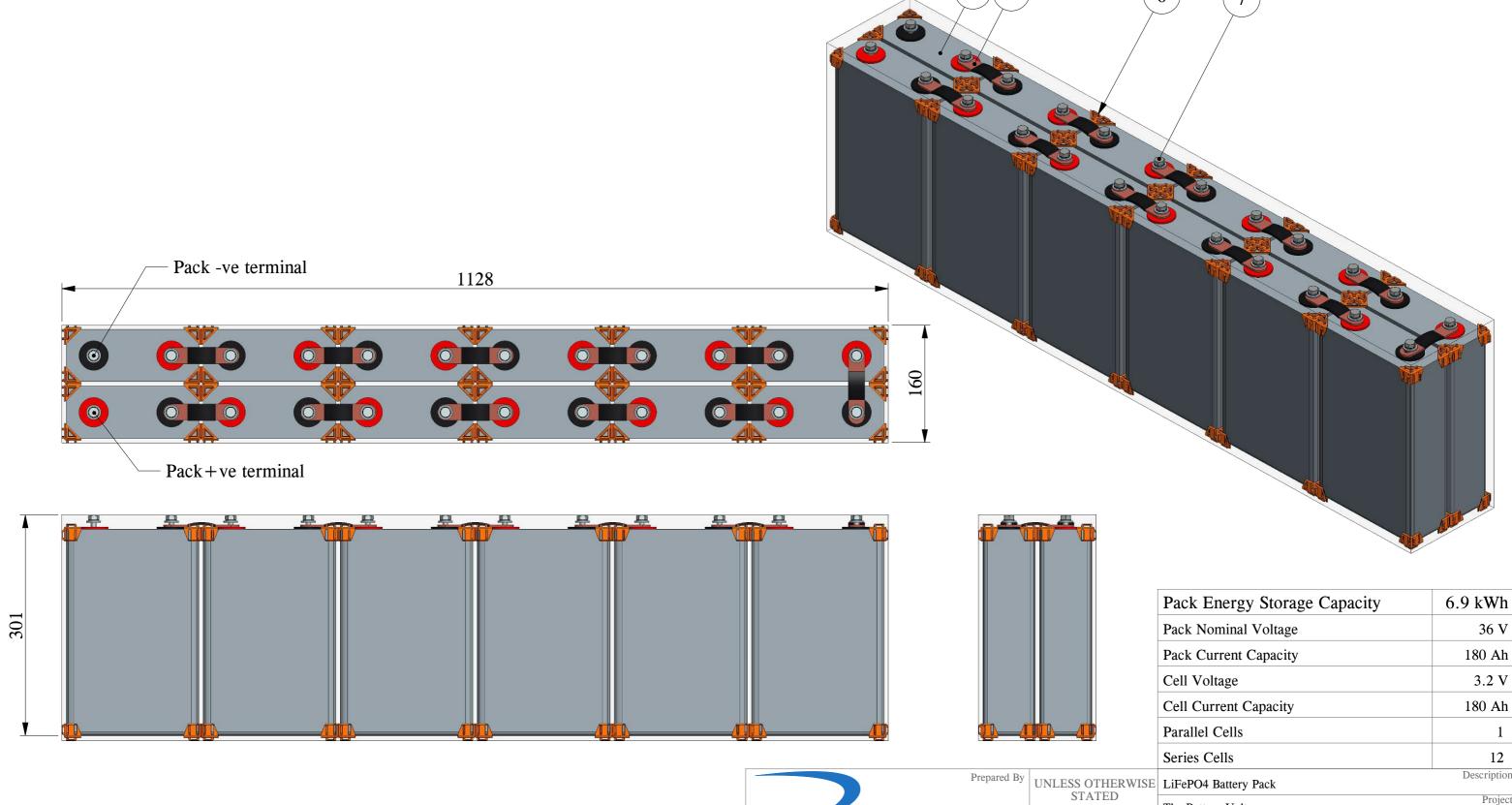
01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

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Part Number **RELEASED FOR PRODUCTION** SS-BV-BB-CA180-PI Α SS-BV-CA180-PI Α



5



6

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ACN 126 091 727

 $x.x \pm 0.1\,$ $\begin{array}{c} x \pm 0.5 \\ \text{HOLE} \ \varnothing + 0.15 \end{array}$ ANGLES $\pm~0.5$

DIMS ARE IN MM

TOLERACES $x.xx \pm 0.01$

The Battery Volt BV-CALB180-1P12S-6X2-36V-AS Refer to BOM

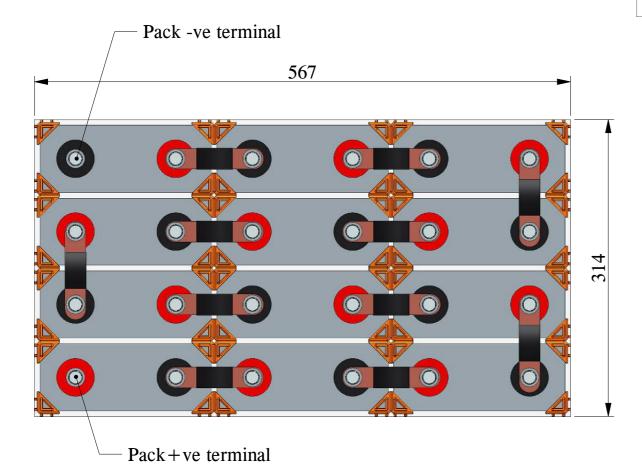
DH

41.42 Assemble Current Revision Description

Initial Release

DH

Revision Checked Approved DH DH 9 OF 20 01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20



Part Number

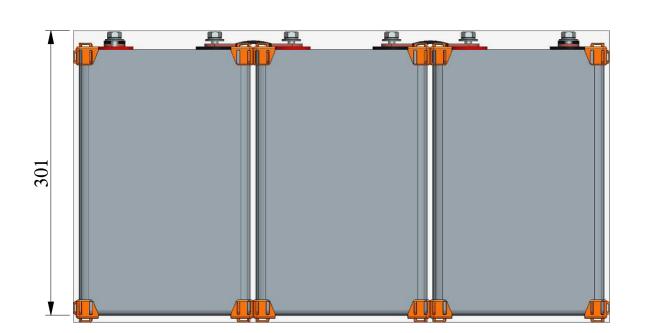
3

SS-BV-CA180-PI

BV-LFP-M8-AS

SS-BV-LIGO-01MO

SS-BV-BB-CA180-PI



		Pack Energy Storage Capacity	6.9 kWh
		Pack Nominal Voltage	36 V
		Pack Current Capacity	180 Ah
		Cell Voltage	3.2 V
		Cell Current Capacity	180 Ah
		Parallel Cells	1
Prepared By		Series Cells	12 Description
тераеси ву	UNLESS OTHERWISE STATED		Project
GreenStorm	DIMS ARE IN MM TOLERACES	The Battery Volt Drawing Number Drawing Number	Mass kg
Solutions www.greenstorm.com.au ACN 126 091 727	$\begin{array}{c} \text{x.xx} \pm 0.01 \\ \text{x.x} \pm 0.1 \end{array}$	BV-CALB180-1P12S-3X4-36V-AS Material Process	41.42
SeaStorm Marine Pty Ltd Prepared For www.seastorm.com.au	$\begin{array}{c} x \pm 0.5 \\ \text{HOLE} \varnothing + 0.15 \end{array}$	Refer to BOM Assemble Current R	evision Description
www.scastoriii.coiii.au	ANGLES ± 0.5	Initial Release	Sheet No 10 OF 20

Description

Busbar

Α

Α

A

A

CALB 180 Ah LiFEPO4 Cell

Screw, Washer, Spring Washer

Ligo Air Space Connectors

Mass Each kg

0.0

0.1

0.0

Qty 12

96

11

24

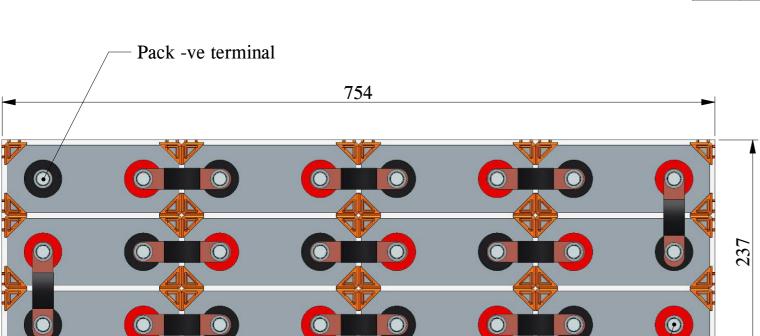
Material

Copper

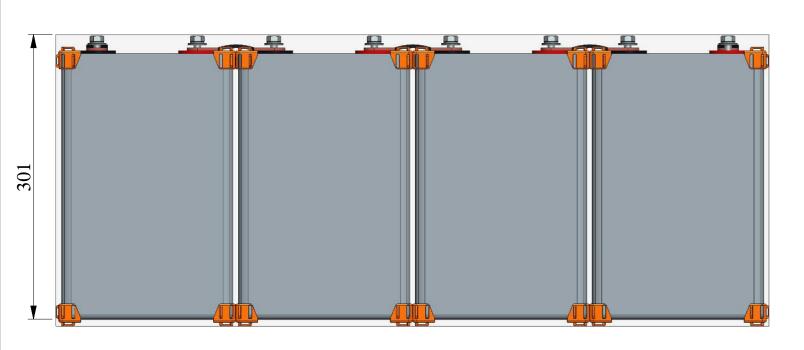
3D Printed PLA

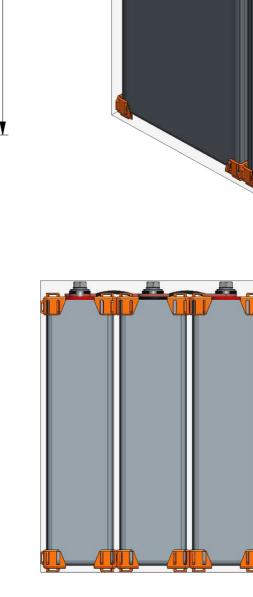
Stainless Steel

Lithium Iron Phosphate 5.0



Pack+ve terminal





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Part Number

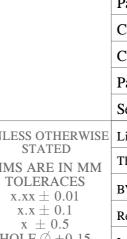
3

SS-BV-CA180-PI

BV-LFP-M8-AS

SS-BV-LIGO-01MO

SS-BV-BB-CA180-PI



Prepared By DIMS ARE IN MM ACN 126 091 727 Prepared For $\begin{array}{c} x \; \pm \; 0.5 \\ \text{HOLE} \, \varnothing + 0.15 \end{array}$ ANGLES $\pm~0.5$

Pack Energy Storage Capacity 6.9 kWh Pack Nominal Voltage 36 V Pack Current Capacity 180 Ah Cell Voltage 3.2 V Cell Current Capacity 180 Ah Parallel Cells Series Cells 12 Description UNLESS OTHERWISE STATED LiFePO4 Battery Pack The Battery Volt BV-CALB180-1P12S-4X3-36V-AS 41.42 Refer to BOM Assemble Initial Release Revision Checked Approved DH DH DH DH 11 OF 20 01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

Material

Copper

3D Printed PLA

Stainless Steel

3

Lithium Iron Phosphate 5.0

Description

Busbar

CALB 180 Ah LiFEPO4 Cell

Screw, Washer, Spring Washer

Ligo Air Space Connectors

Α

Α

Α

Α

Mass Each kg

0.0

0.1

0.0

Qty

12

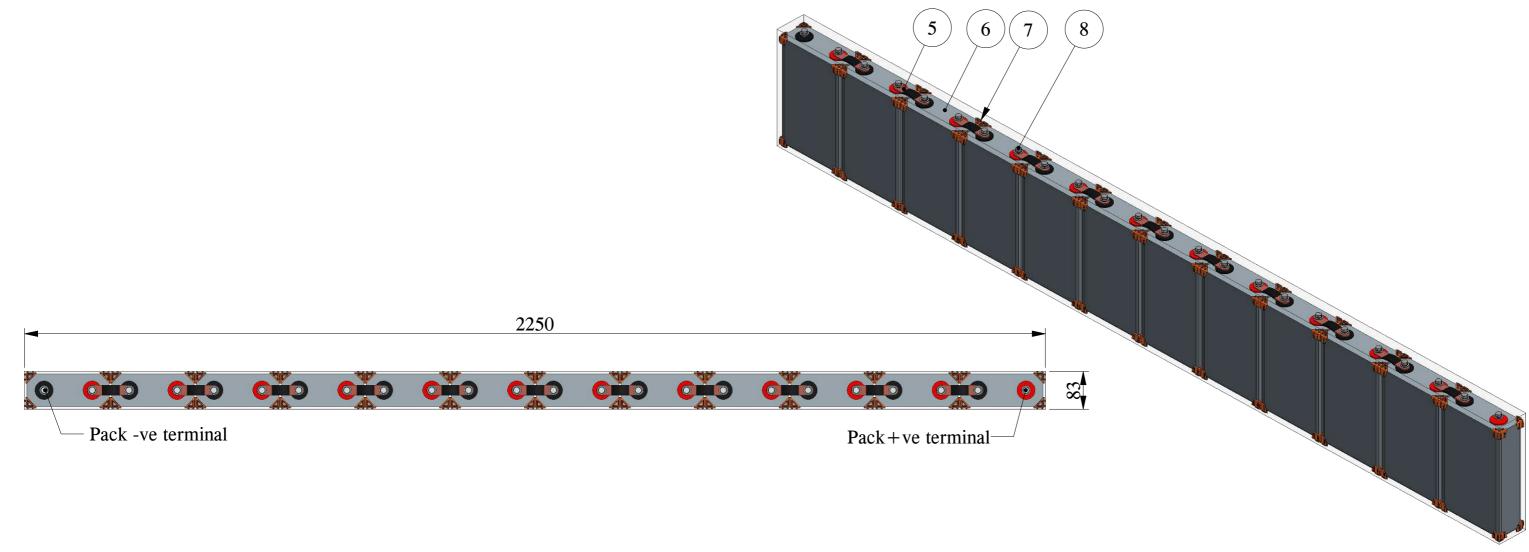
96

11

24

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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	11
6	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phosphate	5.0	12
7	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	96
8	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	24



T	H							# 100	
T			4						
1									
3(
1									
		40		 	 	 40	 	40	

		Cell V
		Cell C
		Paralle
		Series
Prepared By	UNLESS OTHERWISE	LiFePO
	STATED DIMS ARE IN MM	The Bat
	TOLERACES $x.xx + 0.01$	BV-CA
Prepared For	$\begin{array}{c} x.x \pm 0.1 \\ x \pm 0.5 \end{array}$	Refer to
	0.5 HOLE \emptyset +0.15 ANGLES \pm 0.5	Initial R
	ANGLES ± 0.3	Designed DH

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ACN 126 091

Prepared

	Cell Voltage				
	Cell Cui	rrent Ca			
	Parallel	Cells			
	Series Cells				
OTHERWISE	LiFePO4	Battery I			
	The Battery Volt				
OTHERWISE FATED ARE IN MM ERACES 3 ± 0.01 3 ± 0.1 4 ± 0.5	BV-CALI	B180-1P1			
± 0.1	Refer to BOM				
$E \varnothing +0.15$	Initial Release				
LES \pm 0.5	Designed	Drawn			
	DH	DH			

Cell Current Capacity	
Parallel Cells	
Series Cells	
LiFePO4 Battery Pack	
The Battery Volt	
BV-CALB180-1P12SL-36V-AS	Drawing Numb
Refer to BOM Material	Assemble
	Current

DH

01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

Pack Energy Storage Capacity

Pack Nominal Voltage

Pack Current Capacity

The Batte	ry Volt				Project	
BV-CALI	B180-1P12	SL-36V-AS	Draw	ing Number	41.42 Mass kg	
Refer to E	BOM	Material	Assemble	Process	Finish	
Current Revision Descripti						
Designed	Drawn	Checked	Approved	Revision	Sheet No	

DH

6.9 kWh

36 V

180 Ah

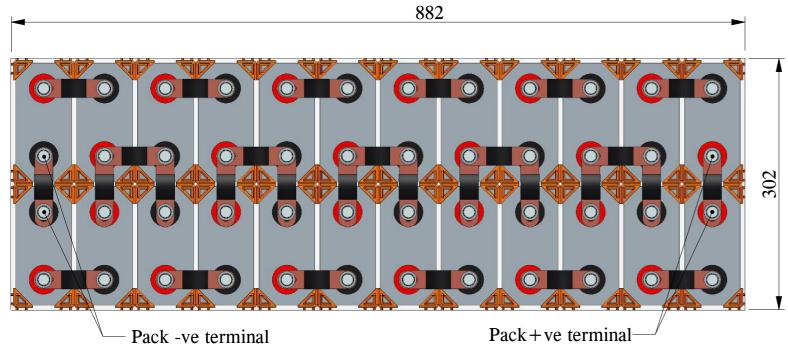
3.2 V

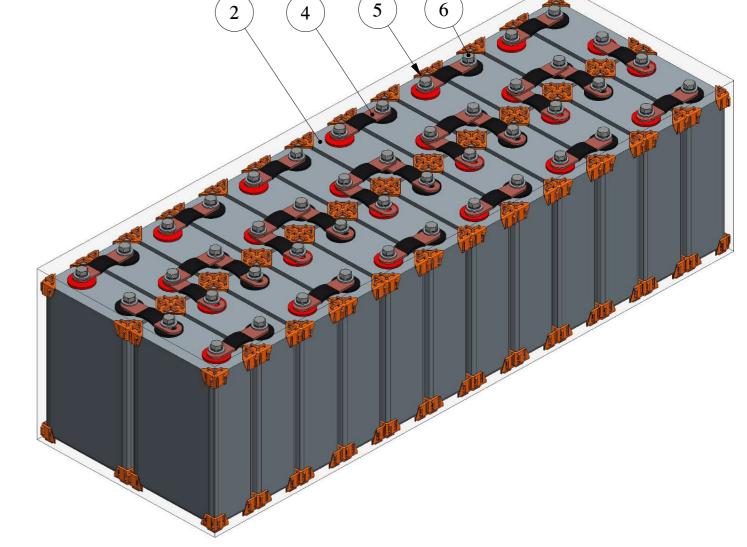
180 Ah

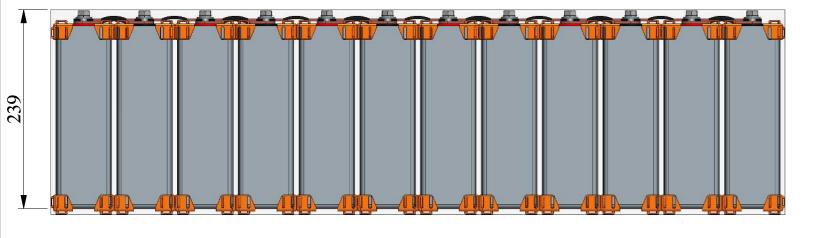
Description

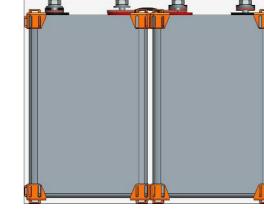
12 OF 20

m	Part Number	REV	Description	Material	Mass Each kg	Qty		
	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phosphate	2.9	24		
	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	29		
	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	192		
	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	48		









GreenStorm TOLERACES $x.xx \pm 0.01$ ACN 126 091 727 $x.x \pm 0.1$ Prepared For

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UNLESS OTHERWISE STATED DIMS ARE IN MM ANGLES $\pm~0.5$

Cell Vol	3.2 V					
Cell Cui	1	100 Ah				
Parallel	Cells					2
Series C	ells					12
LiFePO4	Battery Pac	ck			D	escription
The Batte	ry Volt					Project
BV-CALI	B100-2P12	S-36V-AS	Draw	ing Number	41.42	Mass kg
Refer to I	BOM	Material	Assemble	Process		Finish
Initial Rel	ease			Current Re	evision D	escription
Designed	Drawn	Checked	Approved	Revision		Sheet No

DH

DH

01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

DH

7.7 kWh

36 V

200 Ah

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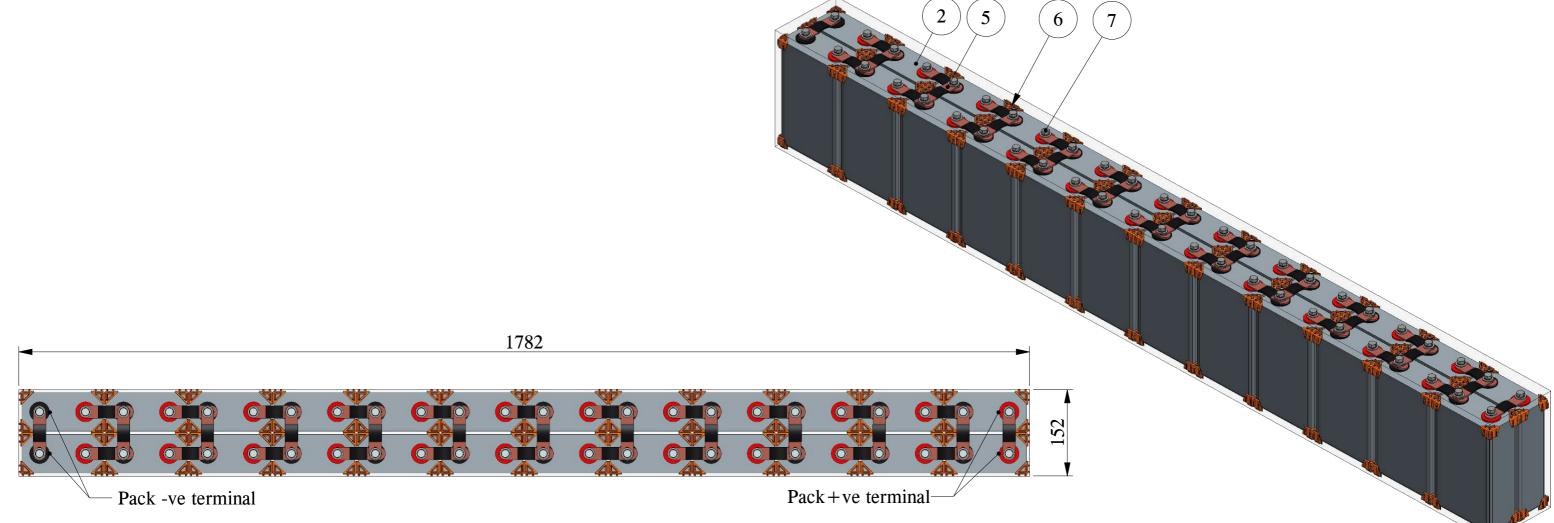
Pack Energy Storage Capacity

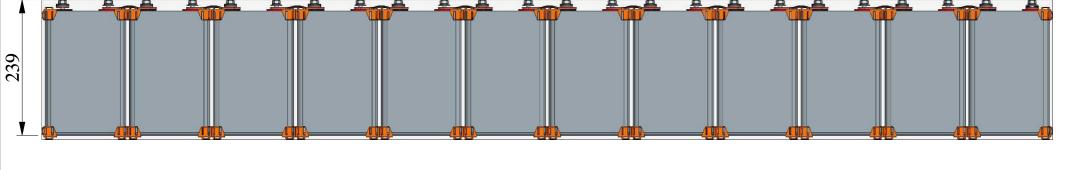
Pack Nominal Voltage

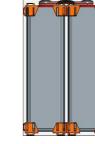
Pack Current Capacity

DH

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
5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	35
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	192
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	48
			_			







ACN 126 091 727

Prepared For

GreenStorm Solutions

SeaStorm Marine Pty Ltd

www.seastorm.com.au

	Pack No
	Pack Cu
	Cell Vol
	Cell Cur
	Parallel
	Series C
RWISE	LiFePO4
I MM	The Batter
ES)1	BV-CALE
	Refer to B
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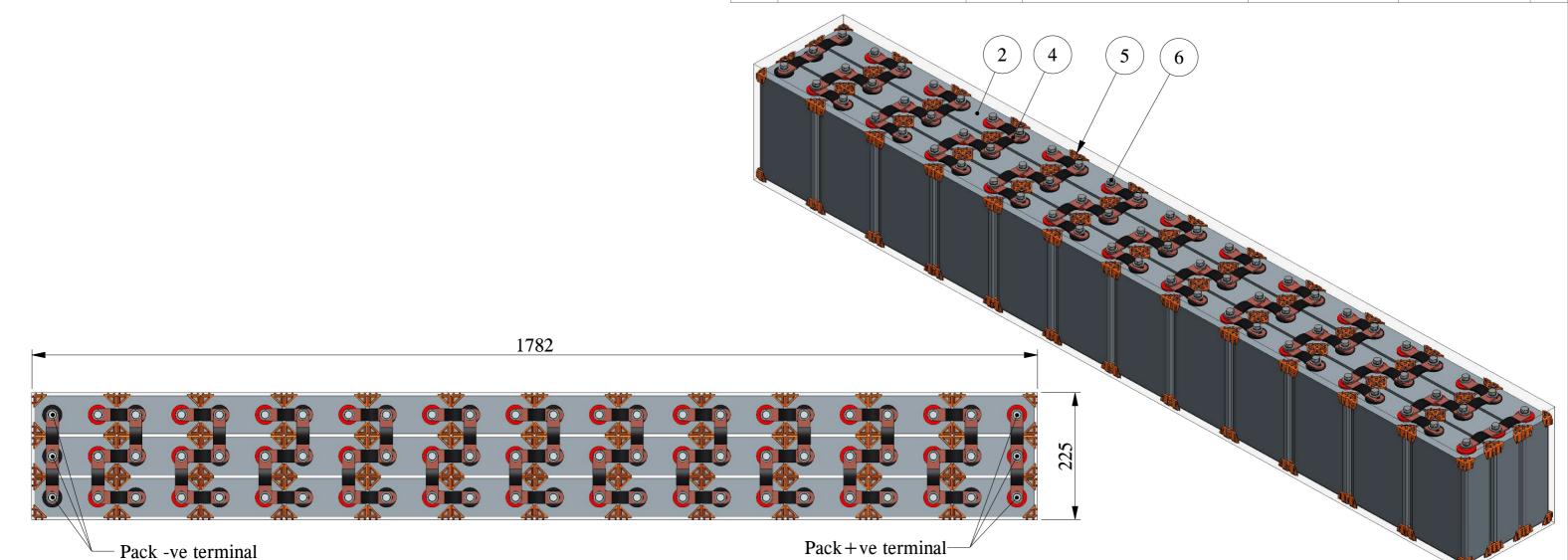
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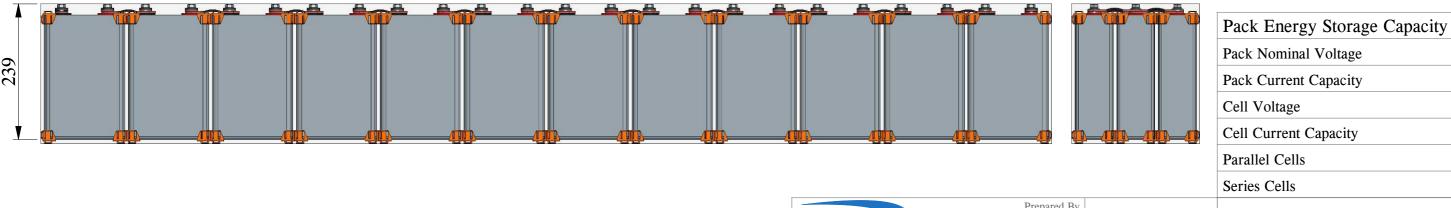
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	Designed	Drawn	Checked	Approved	Revision	Sheet 1
	Initial Rel	ease				evision Descripti
	Series Cells LiFePO4 Battery Pack The Battery Volt BV-CALB100-2P12SL-36V Refer to BOM Initial Release			Assemble		Fini
	BV-CALI	3100-2P12		5	ring Number	41.42 Mass
Λ	The Batte	ry Volt				Proje
SE	LiFePO4		Descripti			
	Series C	12				
	Parallel	2				
	Cell Cui	100 A				
	Cell Vol	3.2 V				
	Pack Cu	200 A				
	Pack No	36 V				

7.7 kWh

Pack Energy Storage Capacity

RELEASED FOR PRODUCTION	Item	Part Number	REV	Description	Material	Mass Each kg	Qty
RELEASED FOR I RODUCTION	2	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cell	Lithium Iron Phospha	ate 2.9	36
	4	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	59
	5	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	288
	6	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	72



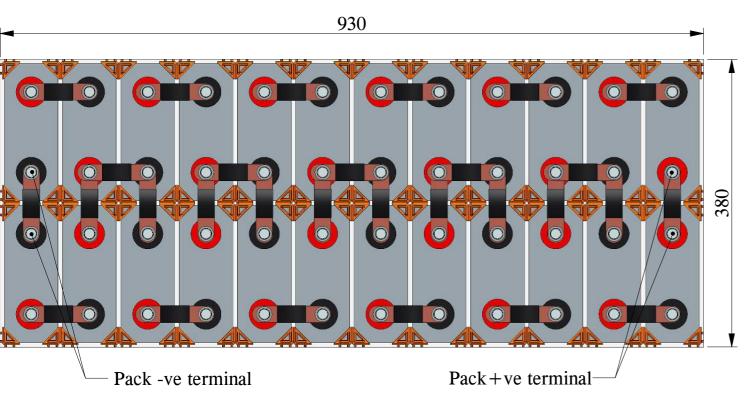


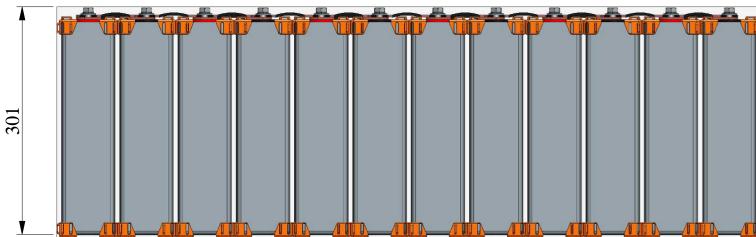
			Cell
			Para
			Serie
	Prepared By	UNLESS OTHERWISE	LiFeF
CroonStorm		STATED DIMS ARE IN MM	The E
GreenStorm	ACN 126 001 727	TOLERACES $x.xx \pm 0.01$	BV-C
SeaStorm Marine Pty Ltd	ACN 126 091 727 Prepared For	$x.x \pm 0.1$ x + 0.5	Refer
www.seastorm.com.au	•	HOLE \emptyset +0.15 ANGLES \pm 0.5	Initia
		ANGLES ± 0.5	Desig
			DH

Pack Nominal Voltage 36 V Pack Current Capacity 300 Ah Cell Voltage 3.2 V Current Capacity 100 Ah allel Cells 3 ies Cells 12 Description ePO4 Battery Pack Battery Volt Drawing Number CALB100-3P12SL-36V-AS 41.42 er to BOM Assemble Revision Checked Approved DH DH DH 15 OF 20

11.5 kWh

RELEAS	SED FOR PRO	DUCTION		Item	Part Number	REV	Description	Material	Mass Each kg	Qty
TEELT IS	LD I OR I RO	Decilor	1	2	SS-BV-CA100-PI	A	CALB 100 Ah LiFEPO4 Cel			48
				5	SS-BV-BB-CA100-PI	A	Busbar	Copper	0.0	83
				6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	384
	Pack -ve terminal	1782		Pack	BV-LFP-M8-AS -ve terminal	A XOC	Screw, Washer, Spring Wash		0.0	96
	A.A. A.A. A.			Д.Д		A .		Pack Energy Storage Cap	pacity 15.4	4 kWh
								Pack Nominal Voltage		36 V
6								Pack Current Capacity		400 Ah
239								Cell Voltage		3.2 V
								Cell Current Capacity		100 Ah
V								Parallel Cells		4
								Series Cells		12
						Pi	repared By UNLESS OTHERWISE		I	Description
							STATED	The Battery Volt		Project
					GreenStor	m	TOLERACES	BV-CALB100-4P12SL-36V-AS	Drawing Number 41.42	2 Mass kg
					www.greenstorm.com	ı.au ACN	126 091 727 X.XX \(\precedut \text{ 0.01}\)	Material	Process	Finish
					SeaStorm Marine Pty Ltd	Pre	epared For $x \pm 0.5$		Semble Current Revision	Description
Copyright - All rights res	erved				www.seastorm.com.au		ANGLES \perp 0.5	Initial Release Designed Drawn Checked App	proved Revision	Sheet No
This Drawing is the property of the design o	erty of GreenStorm Solutions Prior please ask us first. It is the	ty Ltd & the Client which it h	has been prepared for.					DH DH DH I	OH A 16	OF 20
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Pack -ve terminal Pack +ve terminal			Ster Ship Ship Ship Ship Ship Ship Ship Ship	
			Pack Energy Storage Capacity	13.8 kWh
			Pack Nominal Voltage	36 V
301			Pack Current Capacity	360 Ah
			Cell Voltage	3.2 V
			Cell Current Capacity	180 Ah
			Parallel Cells	2
	400		Series Cells	12
	Prepared By	UNLESS OTHERWISE STATED	LiFePO4 Battery Pack	Description
	GroonStorm	DIMS ARE IN MM	The Battery Volt	Project
	GreenStorm Solutions www.greenstorm.com.au ACN 126 091 727	TOLERACES $x.xx \pm 0.01$	BV-CALB180-2P12S-36V-AS Drawing Number	41.42
	SeaStorm Marine Pty Ltd Prepared For	$-$ x.x \pm 0.1	Refer to BOM Material Assemble Process	
Copyright - All rights reserved	www.seastorm.com.au	HOLE \emptyset +0.15 ANGLES \pm 0.5	Initial Release	Revision Description
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Item Part Number

SS-BV-CA180-PI

SS-BV-BB-CA180-PI

SS-BV-LIGO-01MO

BV-LFP-M8-AS

Description

1

Busbar

Α

Α

A

CALB 180 Ah LiFEPO4 Cell

Ligo Air Space Connectors

Screw, Washer, Spring Washer

3

Material

Copper

3D Printed PLA

Stainless Steel

Lithium Iron Phosphate 5.0

Mass Each kg

0.1

0.0

0.0

Qty

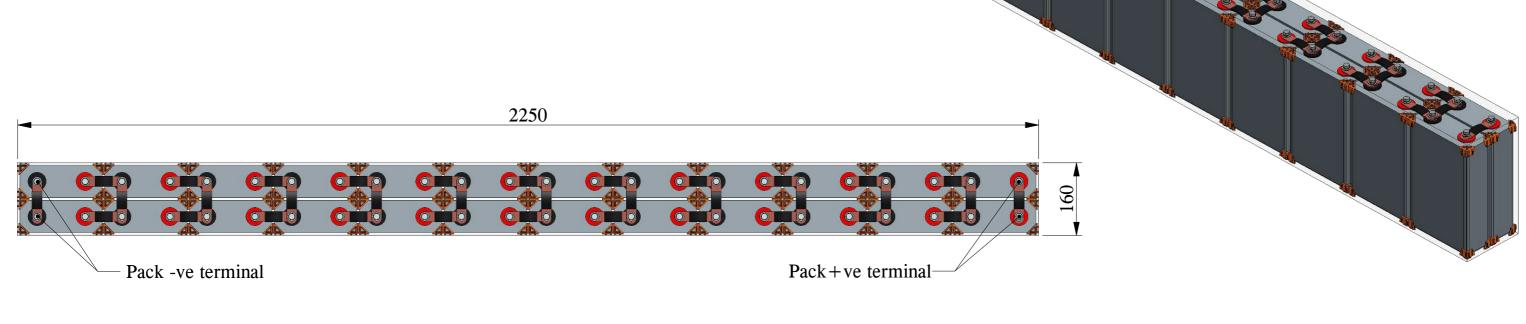
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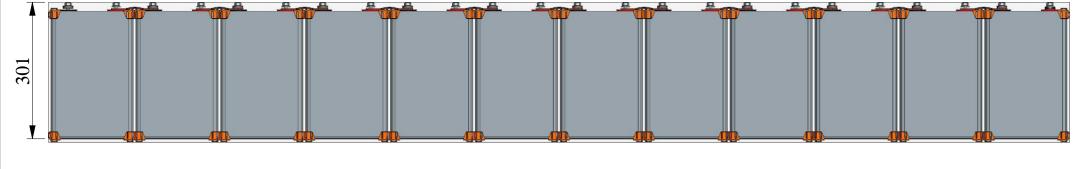
29

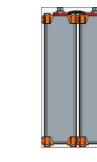
192

48

RELEASED FOR PRODUCTION	Item	Part Number	REV	Description	Material	Mass Each kg	Qty
RELEASED FOR TRODUCTION	4	SS-BV-CA180-PI	Α	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phospha	ite 5.0	24
	5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	35
	6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	192
	7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	48
		4	5	6 7			







Pack Energy Storage Capacity	13.8 kWh
Pack Nominal Voltage	36 V
Pack Current Capacity	360 Ah
Cell Voltage	3.2 V
Cell Current Capacity	180 Ah
Parallel Cells	2
Series Cells	12

Prepared By GreenStorm ACN 126 091 727 Prepared For

SeaStorm Marine Pty Ltd www.seastorm.com.au

UNLESS OTHERWISE STATED DIMS ARE IN MM TOLERACES $x.xx \pm 0.01$ $x.x \pm 0.1$

Series Cells
LiFePO4 Battery Pack
The Battery Volt
BV-CALB180-2P12SL-
Refer to BOM

04 Battery Pack				D	escription
ttery Volt					Project
LB180-2P12SI	36V-AS	Drawi	ng Number	41.42	Mass kg
о ВОМ	Material	Assemble	Process		Finish
			Current Re	evision D	escription

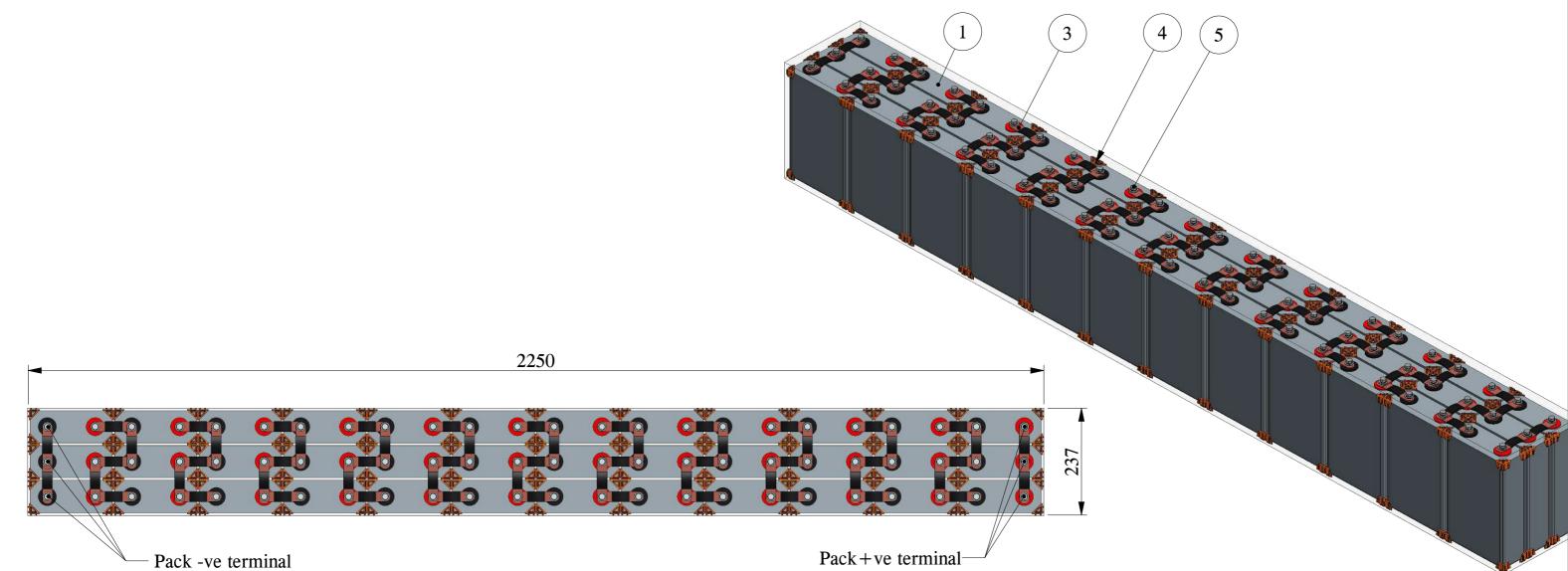
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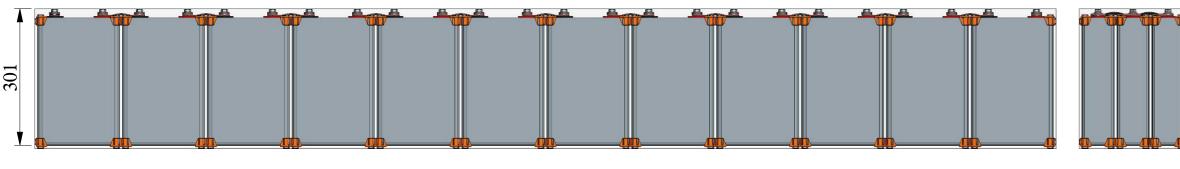
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Sheet No 18 OF 20 01Oct20 | 01Oct20 | 08Oct20 | 08Oct20 | 08Oct20

RELEASED FOR PRODUCTION	Item	Part Number	REV	Description	Material	Mass Each kg	Qty
RELEASED FOR I RODUCTION	1	SS-BV-CA180-PI	A	CALB 180 Ah LiFEPO4 Cell	Lithium Iron Phospha	te 5.0	36
	3	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	59
	4	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	288
	5	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	72





l				Cell
ı				Cell
_		4		Para
				Serie
		Prepared By	UNLESS OTHERWISE	LiFel
	Consequence		STATED DIMS ARE IN MM	The I
_	GreenStorm Solutions www.greenstorm.com.au	ACN 126 091 727	TOLERACES $x.xx \pm 0.01$	BV-C
56	eaStorm Marine Pty Ltd	Prepared For	$\begin{array}{c} x.x \pm 0.1 \\ x \pm 0.5 \end{array}$	Refer
	ww.seastorm.com.au		HOLE \emptyset +0.15 ANGLES \pm 0.5	Initia Desig
				Desig

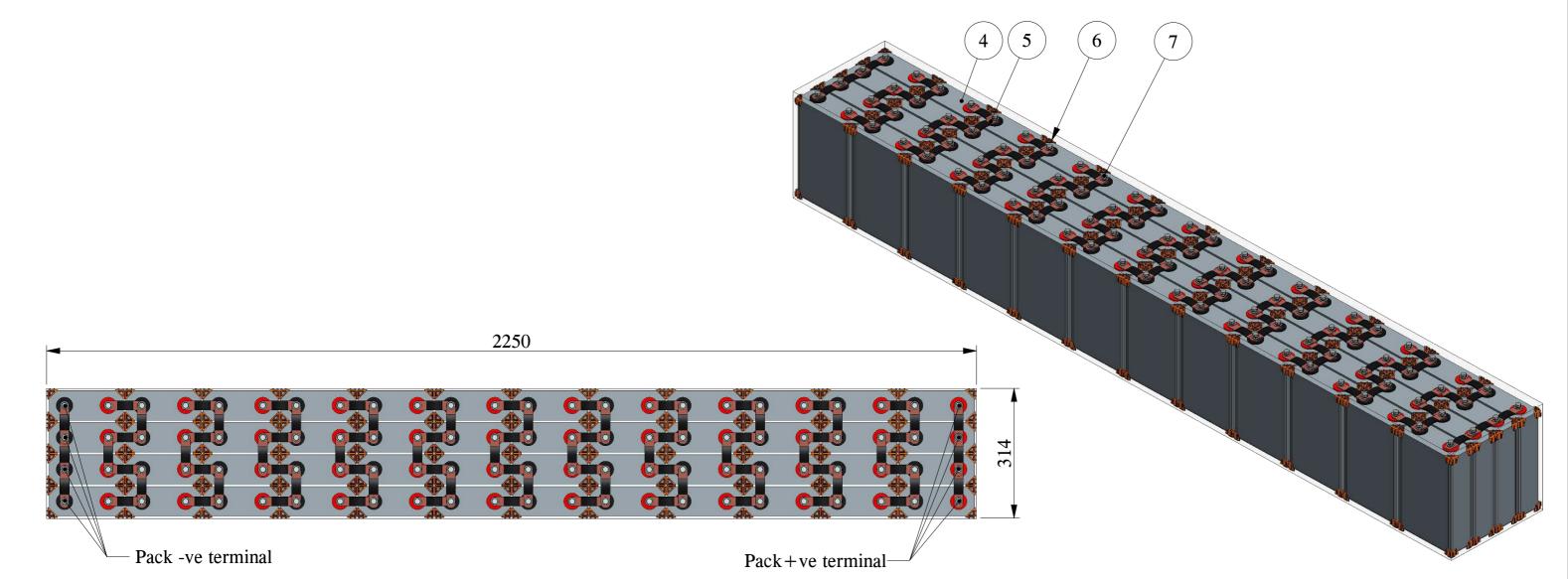
					•		
	Pack No	minal Vo	oltage			36	
	Pack Cu	540 A					
	Cell Vol	3.2					
	Cell Cui	180 A					
	Parallel	3					
	Series Cells						
VISE	LiFePO4	Descript					
ИM	The Batte	Proj					
	BV-CALI	41.42 Mass					
	Refer to E	BOM	Material	Assemble	Process	Fin	
5	Initial Rel	ease			Current Re	evision Descript	
5	Designed	Drawn	Checked	Approved	Revision	Sheet	
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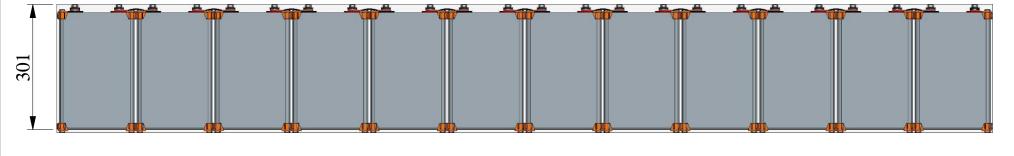
20.7 kWh

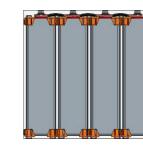
Pack Energy Storage Capacity

RELEASED FOR PRODUCTION

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	48
5	SS-BV-BB-CA180-PI	A	Busbar	Copper	0.1	83
6	SS-BV-LIGO-01MO	A	Ligo Air Space Connectors	3D Printed PLA	0.0	384
7	BV-LFP-M8-AS	A	Screw, Washer, Spring Washer	Stainless Steel	0.0	96







	Pack Energy Storage Capacity	27.6 kWh
	Pack Nominal Voltage	36 V
	Pack Current Capacity	720 Ah
	Cell Voltage	3.2 V
	Cell Current Capacity	180 Ah
	Parallel Cells	4
	Series Cells	12
UNLESS OTHERWISE	LiFePO4 Battery Pack	Description
STATED	The Detter Val	Project

GreenStorm SeaStorm Marine Pty Ltd www.seastorm.com.au

ACN 126 091 727 Prepared For

TOLERACES $x.xx \pm 0.01$ $x.x \pm 0.1$

DIMS ARE IN MM

The Battery Volt BV-CALB180-4P12SL-36V-AS Refer to BOM

Initial Release

Drawing Number 41.42 Assemble Current Revision Description

Sheet No

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