



PT CENTURY BATTERIES INDONESIA

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**INCOE**  
**TRACTION**

# Enhancing Your Business

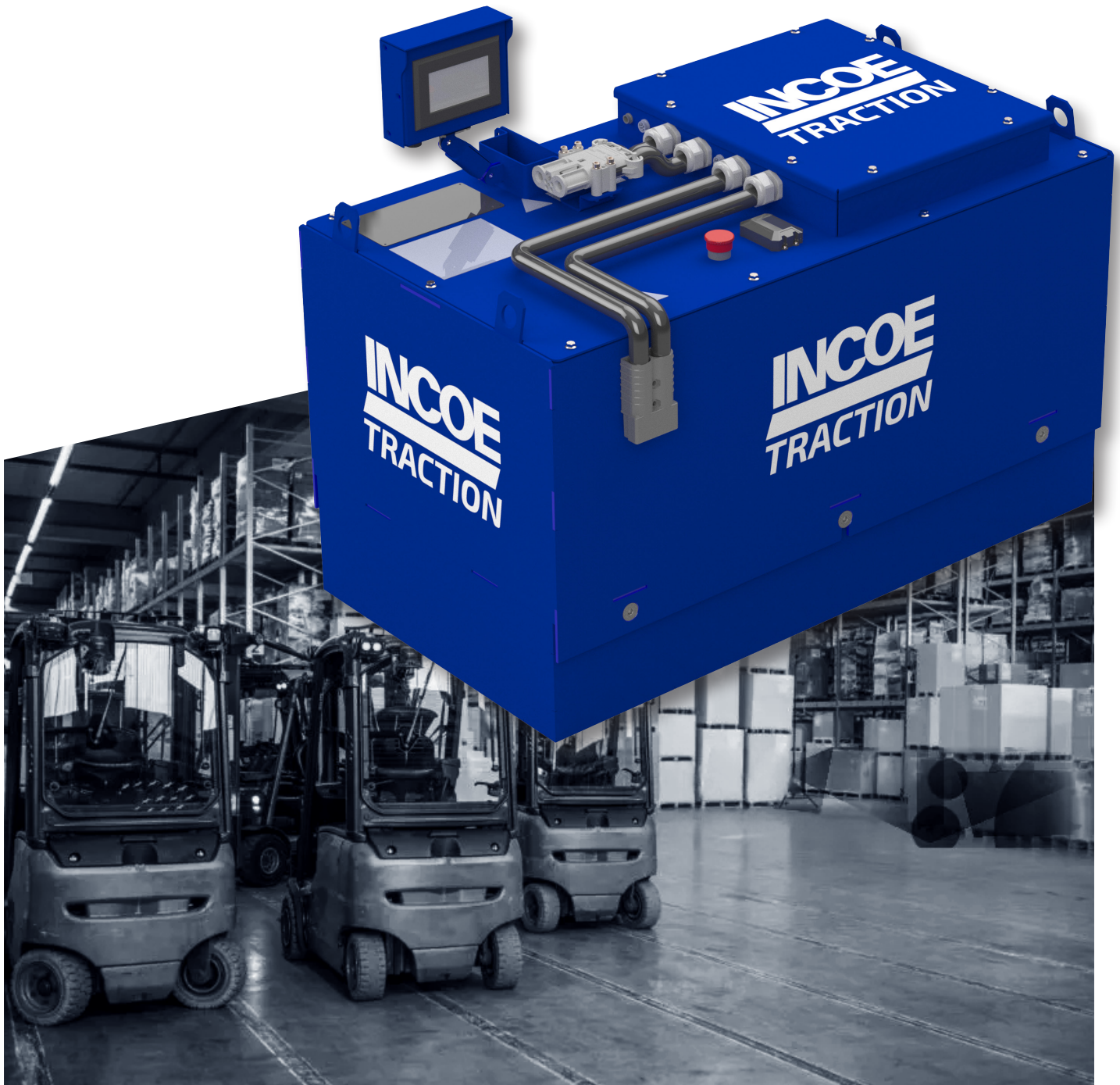
**POWERING  
AHEAD**



## Kualitas Prima Untuk Segala Kegiatan Anda

### INCOE LITHIUM TRACTION BATTERY

Memenuhi beragam kebutuhan battery dengan kualitas prima untuk alat angkut bertenaga listrik. Memberikan benefit lebih tinggi dalam penggunaan sehari-hari.



## INCOE LITHIUM TRACTION BATTERY

No	Application	Battery Model	Dimension (mm)			Volt. (V)	Capacity (Ah)	Display	Counter weight	Charger (max. V, Current)
			L	W	TH					
1	Golf Cart	LG-A 51.2V/105AH	435	315	262	51.2	105	Include	Not Include	57V 10A
2	Towing	LT-A 51.2V/210AH	755	340	552	51.2	210	Include	Include	57V 50A
3	Counterbalance Forklift 1.5T	LF-A 51.2V/500AH	970	530	645	51.2	500	Include	Include	57V 200A
		LF-B 51.2V/500AH	990	455	626	51.2	500	Include	Include	57V 200A
		LF-A 51.2V/600AH	970	530	645	51.2	600	Include	Include	57V 200A
		LF-B 51.2V/605AH	990	455	626	51.2	605	Include	Include	57V 200A
4	Counterbalance Forklift 2.5T	LF-A 76.8V/400AH	1020	885	475	76.8	400	Include	Include	86V 200A
		LF-B 51.2V/605AH	990	540	625	51.2	605	Include	Include	57V 200A
5	Counterbalance Forklift 3T	LF-A 76.8V/500AH	1020	990	475	76.8	500	Include	Include	86V 200A
6	Counterbalance Forklift 5T	LF-B 80V/800AH	1030	995	780	80	800	Include	Include	89V 200A

# INCOE LG-A 51.2V/105Ah

## Golf Cart

### PERFORMANCE

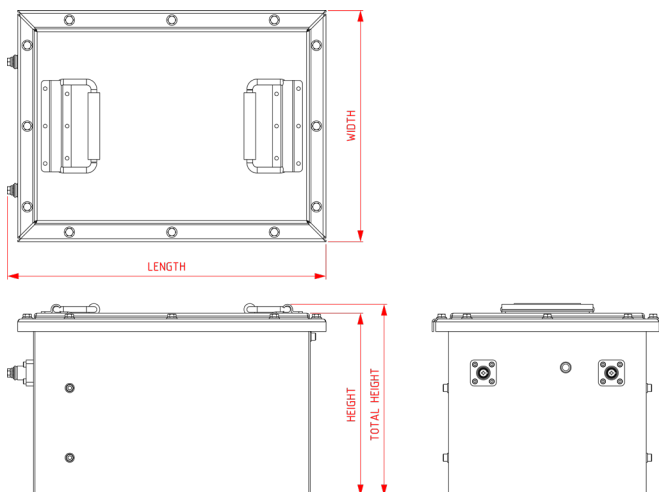
Rated Voltage	51.2 V
Nominal Capacity	105 Ah
Energy	5.4 kWh
Max. Charge Current	25 A
Charging time (20% to 100% SOC)	Approx. 11 hours
Continuous Discharge Current	Max. 50 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	435 <sup>+0</sup> mm
- Total Width	315 <sup>+0</sup> mm
- Height	249 <sup>+0</sup> mm
- Total Height	262 <sup>+0</sup> mm
Weight	45 kg (Approx.)
Socket Charge	ANDERSON SB50
Socket Discharge	Terminal M8



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

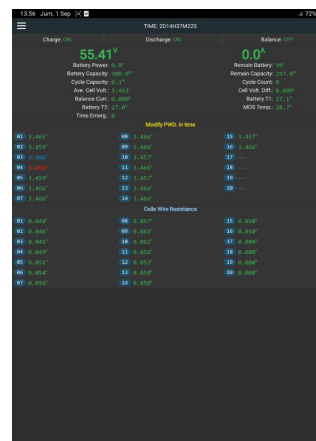
### DISPLAY

LCD Display	2 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LT-A 51.2V/210Ah

## Towing

### PERFORMANCE

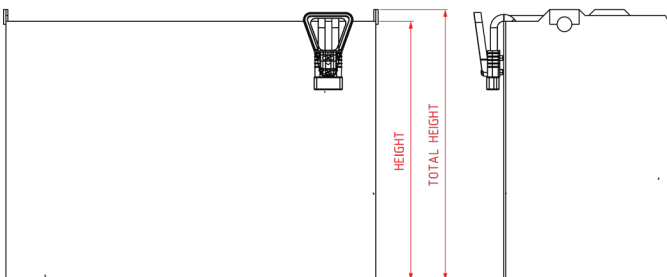
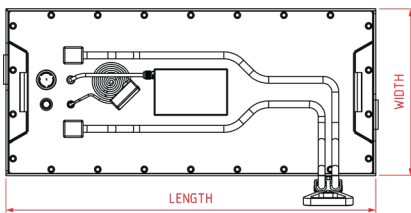
Rated Voltage	51.2 V
Nominal Capacity	210 Ah
Energy	10.8 kWh
Max. Charge Current	50 A
Charging time (20% to 100% SOC)	Approx. 3.5 hours
Continuous Discharge Current	Max. 50 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	755 ±3 mm
- Total Width	340 ±3 mm
- Height	528 ±3 mm
- Total Height	552 ±2 mm
Weight	260 kg (Approx.)
Socket Charge/Discharge	ANDERSON SB175



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

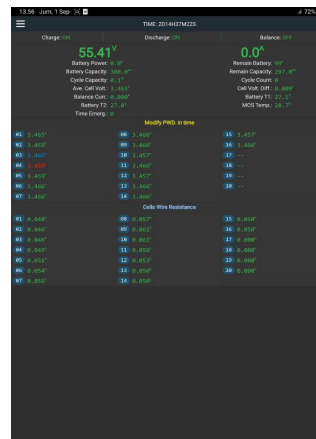
### DISPLAY

LCD Display	2 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-A 51.2V/500Ah

## Counterbalance Forklift 1.5T

### PERFORMANCE

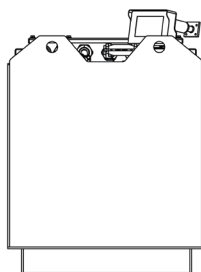
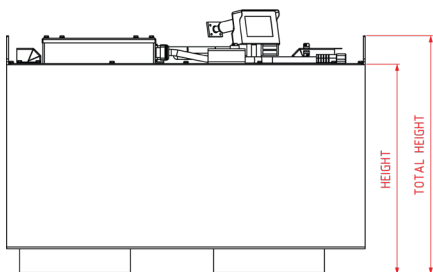
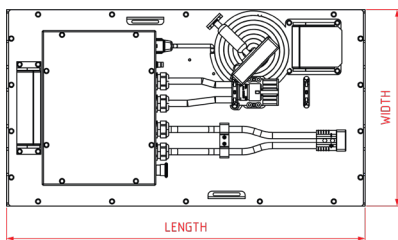
Rated Voltage	51.2 V
Nominal Capacity	500 Ah
Energy	26.5 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 2.5 hours
Continuous Discharge Current	Max. 125 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	970 ±3 mm
- Total Width	530 ±3 mm
- Height	570 ±3 mm
- Total Height	645 ±2 mm
Weight	740 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB175



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

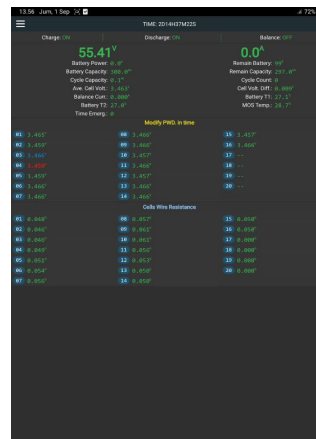
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

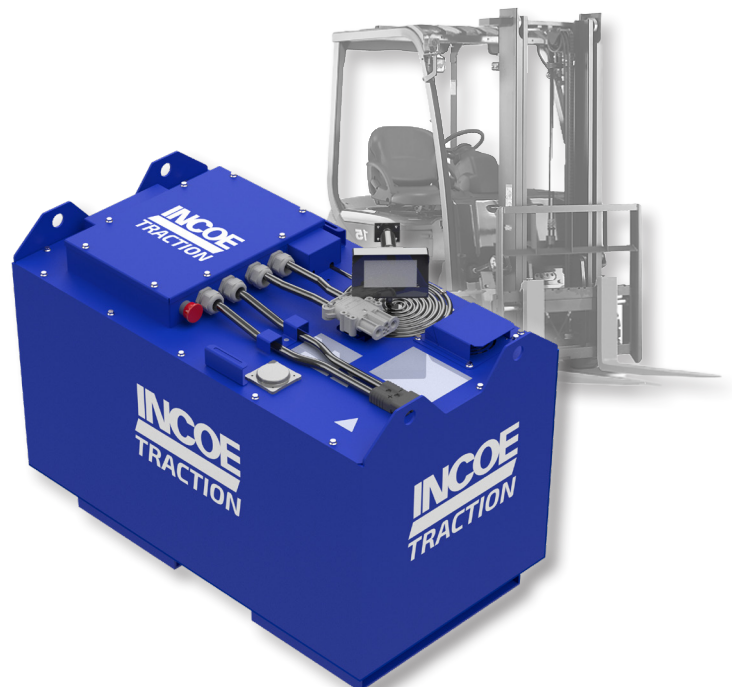
Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-B 51.2V/500Ah

## Counterbalance Forklift 1.5T

### PERFORMANCE

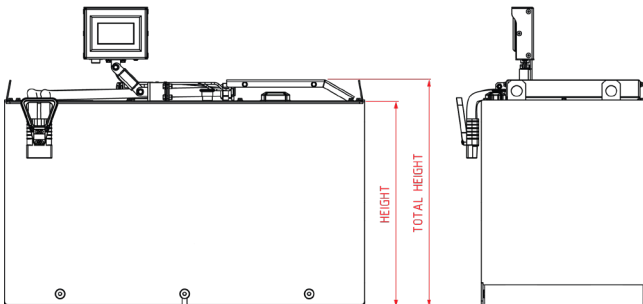
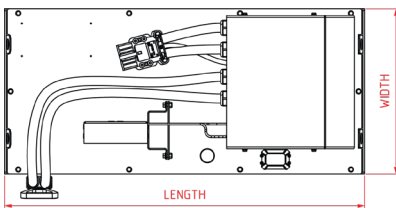
Rated Voltage	51.2 V
Nominal Capacity	500 Ah
Energy	26.5 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 2.5 hours
Continuous Discharge Current	Max. 125 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	990 ±3 mm
- Total Width	455 ±3 mm
- Height	568 ±3 mm
- Total Height	626 ±2 mm
Weight	660 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB350



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

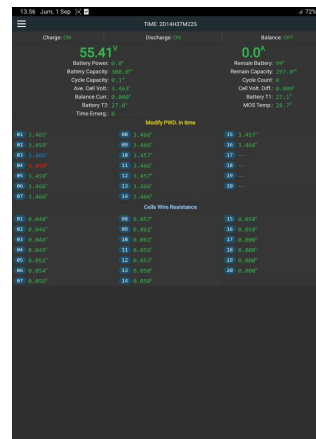
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-A 51.2V/600Ah

## Counterbalance Forklift 1.5T

### PERFORMANCE

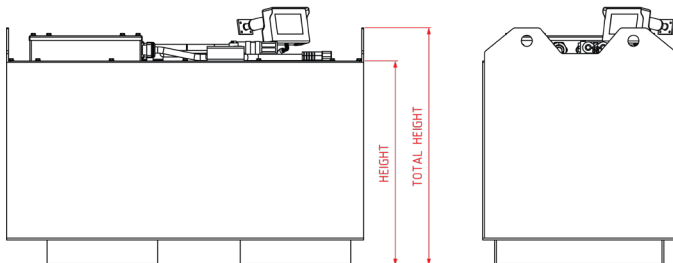
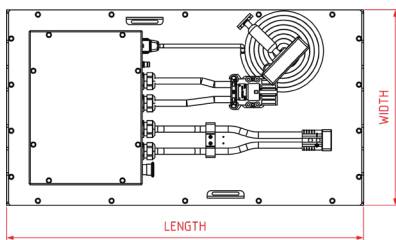
Rated Voltage	51.2 V
Nominal Capacity	600 Ah
Energy	31 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 3 hours
Continuous Discharge Current	Max. 150 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	970 ±3 mm
- Total Width	530 ±3 mm
- Height	555 ±3 mm
- Total Height	645 ±2 mm
Weight	740 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB175



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

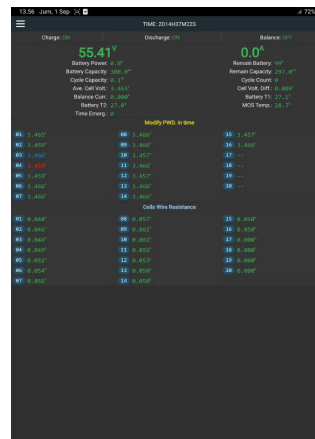
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage





# INCOE LF-B 51.2V/605Ah

## Counterbalance Forklift 1.5T

### PERFORMANCE

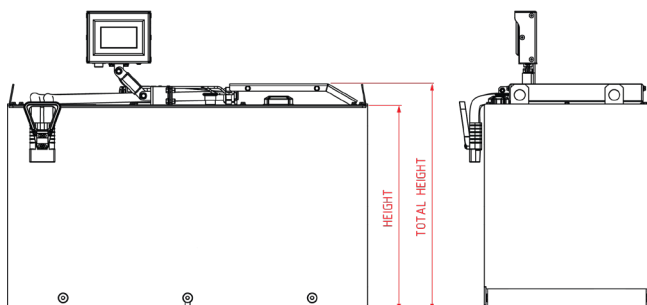
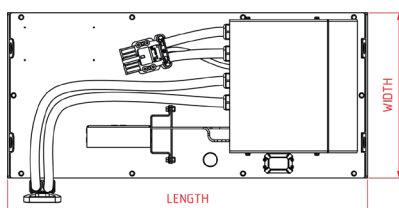
Rated Voltage	51.2 V
Nominal Capacity	605 Ah
Energy	31 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 3 hours
Continuous Discharge Current	Max. 150 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	990 ±3 mm
- Total Width	455 ±3 mm
- Height	568 ±3 mm
- Total Height	626 ±2 mm
Weight	660 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB350



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-A 76.8V/400Ah

## Counterbalance Forklift 2.5T

### PERFORMANCE

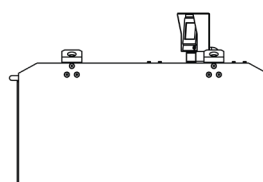
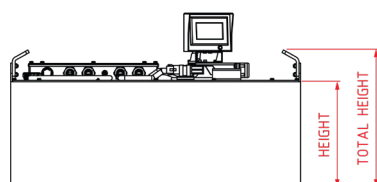
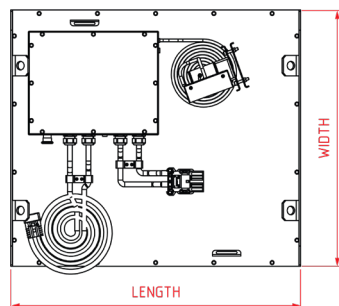
Rated Voltage	76.8 V
Nominal Capacity	400 Ah
Energy	33.8 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 2 hours
Continuous Discharge Current	Max. 100 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	1020 ±3 mm
- Total Width	885 ±3 mm
- Height	370 ±3 mm
- Total Height	475 ±2 mm
Weight	1160 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB175



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

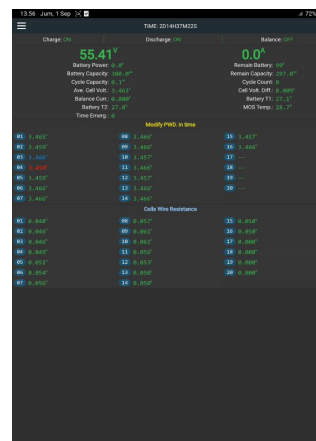
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

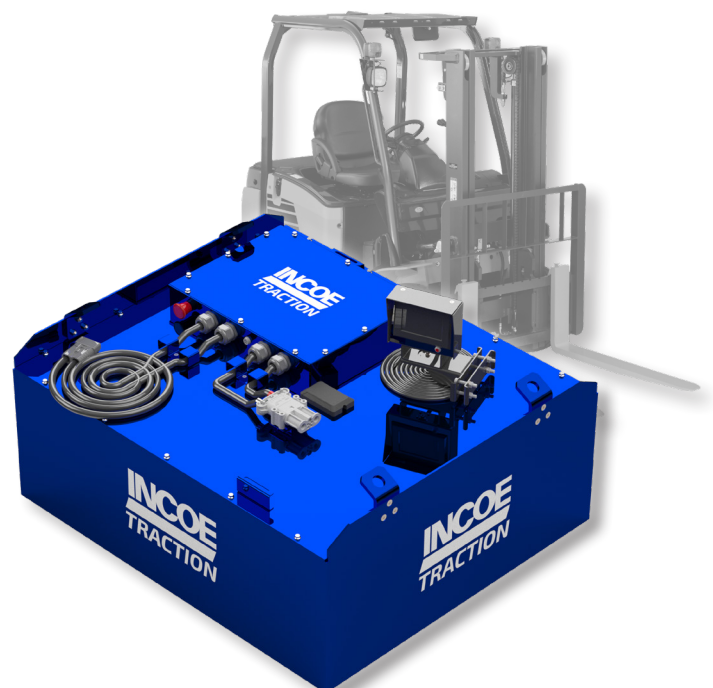
Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-B 51.2V/605Ah

## Counterbalance Forklift 2.5T

### PERFORMANCE

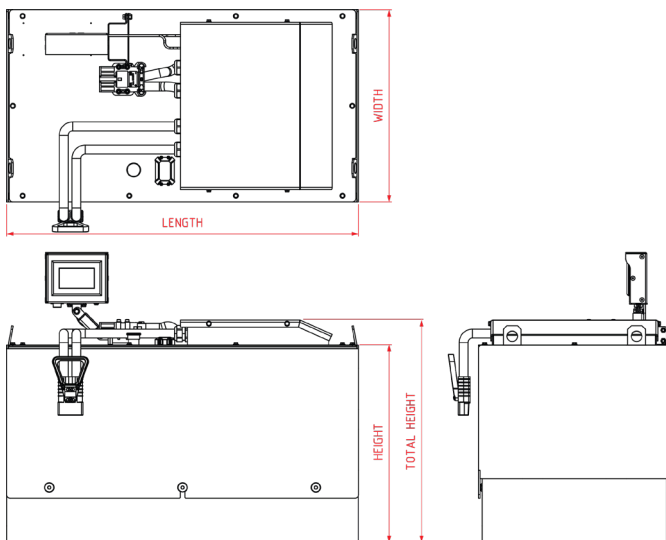
Rated Voltage	51.2 V
Nominal Capacity	605 Ah
Energy	31 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 3 hours
Continuous Discharge Current	Max. 150 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	990 ±3 mm
- Total Width	540 ±3 mm
- Height	555 ±3 mm
- Total Height	625 ±2 mm
Weight	830 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB350



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

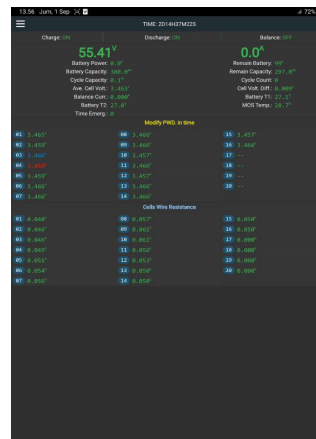
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

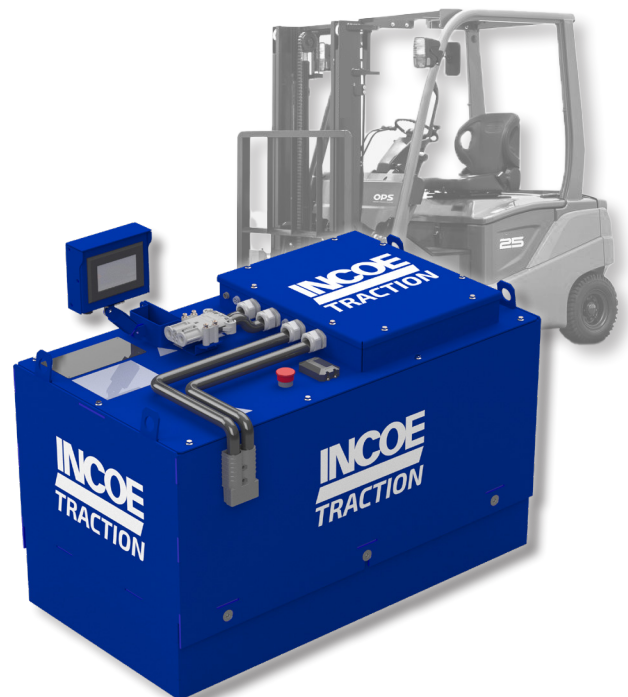
Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-A 76.8V/500Ah

## Counterbalance Forklift 3T

### PERFORMANCE

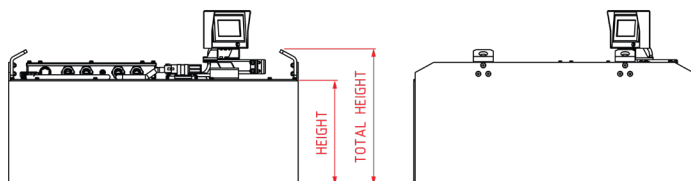
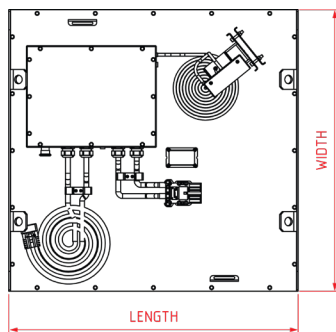
Rated Voltage	76.8 V
Nominal Capacity	500 Ah
Energy	38.4 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 2.5 hours
Continuous Discharge Current	Max. 125 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	1020 ±3 mm
- Total Width	990 ±3 mm
- Height	370 ±3 mm
- Total Height	475 ±2 mm
Weight	1230 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	ANDERSON SB175



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

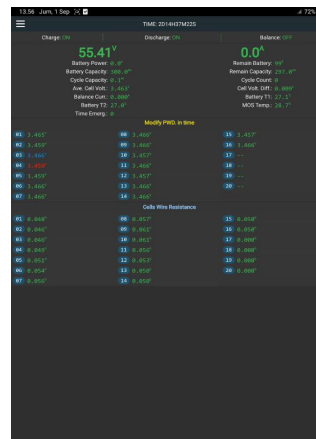
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

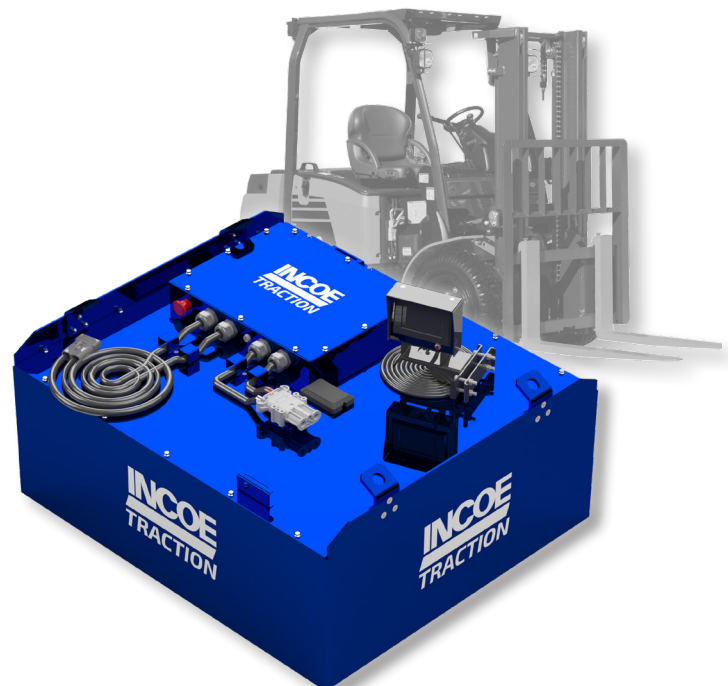
Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



# INCOE LF-B 80V/800Ah

## Counterbalance Forklift 5T

### PERFORMANCE

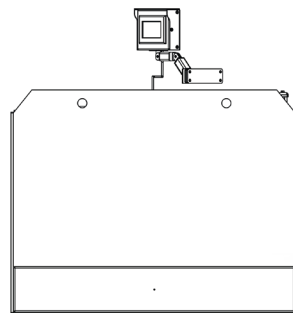
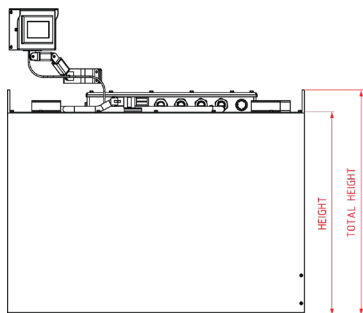
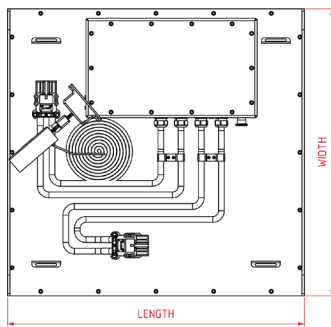
Rated Voltage	80 V
Nominal Capacity	800 Ah
Energy	64 kWh
Max. Charge Current	200 A
Charging time (20% to 100% SOC)	Approx. 4 hours
Continuous Discharge Current	Max. 150 A

### TEMPERATURE CONDITION

Charge	10°C to 50°C	
Discharge	10°C to 55°C	
Storage	1-3 months	0°C to 40°C
	3-12 months	0°C to 30°C
	RH ≤ 75%	

### MECHANICAL SPECIFICATION

Dimensions	
- Total Length	1030 ±3 mm
- Total Width	995 ±3 mm
- Height	703 ±3 mm
- Total Height	780 ±2 mm
Weight	2370 kg (Approx.)
Socket Charge	DIN320
Socket Discharge	DIN320



### MATERIAL

Case Material	Carbon Steel with coating
Cell Lithium Material	LiFePO <sub>4</sub> / Lithium Ferro-Phosphate

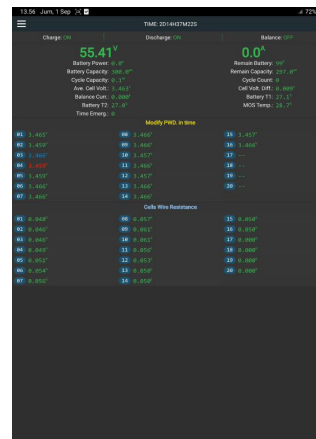
### DISPLAY

LCD Display	4.3 inch
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### SAFETY SPECIFICATION

Short Circuit	Yes
Low / High Temperature Discharging	Yes
Low / High Temperature Charging	Yes
Over-Current Discharging	Yes
Under / Over Voltage	Yes

### BLUETOOTH FEATURES



Battery Status Charge and Discharge

Battery Voltage

Battery Current

% Remain Battery Capacity

Cycle Capacity

Cycle Count

Average Cell Voltage

Cell Voltage Difference

Cell Temperature

Serial Cell Voltage



Incoe Traction juga memberikan pelayanan kustomisasi Lithium battery sesuai kebutuhan anda.

Informasi lebih lanjut?

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