





Owner's Manual

EPL-100BT-12V-SLIM
 EPL-125BT-12V-G2
 EPL-200BT-12V-G2
 EPL-200BT-12V-G2
 EPL-100BT-24V
 EPL-150BT-24V-G2
 EPL-100BT-36V

Enerdrive B-TEC Lithium (LiFePO4), Lithium Ion Phosphate Prismatic Cell Battery with Smart Phone Monitoring



For safe and optimum performance, the Enerdrive B-TEC LiFePO4 Lithium Ion Phosphate Battery with Smart Phone Monitoring must be used properly. Carefully read and follow all instructions and guidelines in this manual and give special attention to the CAUTION and WARNING statements.

PLEASE KEEP THIS MANUAL FOR FUTURE REFERENCE

Disclaimer

While every precaution has been taken to ensure the accuracy of the contents of this guide, Enerdrive assumes no responsibility for errors or omissions. Note as well that specifications and product functionality may change without notice.

Important

Please be sure to read and save the entire manual before using your Enerdrive B-TEC LiFePO4 Lithium Ion Phosphate Battery with Smart Phone Monitoring. Misuse may result in damage to the battery, and/or cause harm or serious injury. Read manual in its entirety before using the unit and save manual for future reference.

Product Number

EPL-100BT-12V-SLIM

EPL-125BT-12V-G2

EPL-200BT-12V-G2

EPL-200BT-12V-SLIM

FPI-300BT-12V-G2

EPL-100BT-24V

EPL-150BT-24V-G2

EPL-100BT-36V

Document Part Number

Enerdrive B-TEC G2 Manual (Rev. 3.2) 2023

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Section 1 - Installation

Your B-TEC battery must be installed in a dry and cool location.

Supplied battery trays and straps are the preferred mounting method. Ensure that sufficiently rated fasteners are used to hold the tray firmly to the mounting material.

Enerdrive highly recommend the battery is installed in the upright position.

Enerdrive approve installation of B-TEC batteries in accommodation areas of RV's. Temperatures must not exceed the rated operating temperatures therefore natural, or fan forced ventilation maybe required.

There should be 25mm clear space around the B-TEC battery.

Consideration should be taken to not mount the battery near any metallic service lines such as LPG, diesel, or petrol lines. This is to ensure no accidental shorting of the battery terminals occur, especially when fitting or removing the battery.

B-TEC batteries must not be installed -

- In vehicle engine bays or in high heat environments, refer to Section 10 Battery Specifications
- In wet areas such as caravan chassis mounts, open ute trays or boat deck areas.
- Inside compartments dedicated to carrying gas.

Section 2 - Connection

It is recommended that no more than four terminals be connected to a battery terminal, if you do have more than 4 terminals the use of a fuse block and negative busbar are recommended.

Cable terminal should be in the order with heaviest current draw (largest cable) in contact with the battery to light estimated current draw (smallest cable) terminals on the top.

Use of insulating terminal boots is recommended, especially in areas where accidental shorting may occur, such as storage lockers or under lounges and beds. Connect the Positive (Red) and Negative (Black) cables to the battery, ensuring you are using cable that is of adequate size for the demands of the system, and well crimped and protected termination lugs.

Example;

1000W Inverter - at least Guage 2 (35mm²) 2000W Inverter - at least Guage 00 (70mm² 3000W Inverter - at least Guage 000 (95mm²)

Cable Conversion Guide

Standard							Unit						
AWG	0000	000	00	0	1	2	4	6	8	10	12	14	16
Diameter (mm)	11.68	10.40	9.27	8.25	7.35	6.54	5.19	4.11	3.26	2.59	2.05	1.63	1.29
Cross Section (mm²)	107.1	84.9	67.5	53.5	42.4	33.6	21.2	13.3	8.4	5.3	3.3	2.1	1.3

The spring washers must be used on the battery terminal bolts - they apply pressure to the lugs for a secure connection. There is no need to over-tighten the bolts, simply ensure there is no movement of the cables. Make sure the main Battery Cable lug is mounted directly onto the Battery terminal with no washers between them.

Section 3 - Charging

Lithium batteries need to be charged slightly different to other batteries.

To ensure they live a long life and provide maximum capacity, you must use a charger with a lithium LiFeP04 setting - this includes:

- AC Chargers
- DC to DC Chargers
- Solar Controllers

If your charger allows, set the charge voltage from 14.2 - 14.6 Volts and Float 13.5 - 13.6 Volts and proceed with charging. We recommend charging at the lower end of the voltage scale for maximum longevity of the battery.

It is recommended that the charging current should be 30% of your battery capacity. You can charge at higher currents but 30% is the recommended for long life.

See **Section 10 - Battery Specifications**.

*Note:

You can charge a lithium battery with a non-lithium charger, but these chargers can deliver too much or too little voltage and may not cut off when the battery is full.

DO NOT use a charger with a "Pulse Stage" or "Equalisation Mode". This will damage the battery and void warranty.

DO NOT connect this battery to a start battery with a VSR (Dual Battery System or "Voltage Sensitive Relay"). The voltage of the Lithium battery may keep the VSR switched on resulting in it discharging into the start battery, and/or flattening the start battery.



Section 4 - Discharging (using the battery)

The Enerdrive B-TEC Lithium Battery can deliver a very high discharge current due to the high power, high quality Battery Management System (BMS) and prismatic Lithium cells inside the battery.

Refer to Section 10 - Battery Specifications for the maximum rated discharge current of your battery.

For this to happen, you MUST USE cable of the correct guage.

Inverter Usage

It is recommended to not put more load on your batteries than the rating of the BMS installed. We also recommend following the below even if you have two batteries in parallel, this protects overloading a single battery if the other battery in the bank was to shut down (i.e. low capacity).

- 12V 100AH B-TEC 12V 1000W Inverter Max
- 12V 125AH B-TEC 12V 1000W Inverter Max
- 12V 200AH B-TEC 12V 2600W Inverter Max
- 12V 200AH SLIM B-TEC 12V 3000W Inverter Max
- 12V 300AH B-TEC 12V 3000W Inverter Max
- 24V 150AH B-TEC 24V 3500W Inverter Max

Section 5 - Protecting Your Battery

Lithium batteries cannot be protected effectively by monitoring voltage due to their ability to maintain a higher voltage for much longer than AGM or flooded/sealed batteries.

"State of Charge" (SOC%) percentage is the most accurate and effective method of disconnecting loads from the battery - this requires a battery monitor which uses a "shunt" to measure the current going into (Charging) and coming out of (Discharging) the battery.

Example;

200 Amp Battery Fully Charged State of Charge = 100% 50 Amps used State of Charge = 75%

100 Amps used State of Charge = 50%

It is recommended that Lithium batteries not be discharged below 20% State of Charge or the battery life may be shortened.

As an added layer of protection, the Enerdrive B-TEC Lithium Battery also has a built-in low voltage disconnect circuit. If this occurs, please refer to **Section 6 - Restarting Your Battery**.

If your battery has shut down due to low voltage you must charge your battery within 14 days to prevent permanent damage occuring to the cells.



Section 6 - Restarting Your Battery

Batteries with Reset Button on Battery

We strongly recommend keeping the battery charged to avoid activating the internal low battery voltage disconnect.

If your DC system shuts down, the battery may require re-starting. Please use the following procedure:

- 1. Turn off all DC and AC Loads
- Connect charging source/s and switch ON
- 3. Hold the "Reset" button 5 seconds, release and quick press
- 4. Release and wait 7 seconds
- 5. Power will be restored and charging will commence after a few seconds
- 6. When the SOC (State of Charge) is above 20%, loads can be switched on if required



By continuously tripping the low voltage disconnect of the battery you may cause damage to sensitive electronic equipment that is attached to the battery. i.e. battery chargers, solar controllers, inverters, stereo equipment etc - all of which are not covered under the battery warranty.

Batteries without Reset Button on Battery

To reconnect, a charge voltage of ≥12.8v must be applied to the battery before the over-discharge release will activate and allow charge current to flow into the battery. This can be done via a momentary reset switch between the start battery and B-TEC or by jump starting with a portable power pack.

Follow the above steps to turn off all DC and AC loads, turn on charging sources and then activate reset switch or apply jump start pack, disconnect as soon as chargers begin charging.

Section 7 - Using the Smart Phone Battery Monitor App

The Enerdrive B-TEC Lithium Battery incorporates a wireless Smart Phone Monitoring system. By downloading the Android™ or Apple® app to your Smart Phone or tablet device, you can monitor the following information;

- Battery Capacity
- · Battery Voltage
- Battery Current (Amps)
- Battery State of Charge (SOC)
- Battery State of Health (SOH)
- Battery Status

- Individual Cell Voltage
- Battery Temperature
- · Battery Cycles
- · Battery Alarms
- · Battery Event Information







Alarms Definitions

HV - High Voltage

LV - Low Voltage

OCC - Over Current Charge

OCD - Over Current Discharge

LTD - Low Temperature Discharge

LTC - Low Temperature Charge

HTD - High Temperature Discharge

HTC - High Temperature Charge

(Refer to Section 10 - Battery Specifications for values).

^{*}The red warning light is only an indicator, not a fault condition.

^{*}The 3 vertical dots on the lower part of the main screen allows you to change the Bluetooth name of the battery. Touch the dots, and use 1234 as the password to enter your battery name.

^{*} A notification will only appear in the notifications page if under alarm condition.



Section 8 - Warnings

Please read and follow the cautions listed on the battery before installation. Improper use may cause heat, fire, rupture, damage or capacity deterioration of the battery. Dometic Power & Control (Enerdrive) Pty Ltd is not responsible for any accidents cause by the usage without following our specification.



Failure to follow these instructions may result in early battery failure or possible personal injury.

- Do not use the battery for cranking/starting applications.
- · Do not series connect the battery.
- · Do not dispose of in fire.
- The battery must be installed far away from heat sources, high voltage, and avoid exposed sunlight for long periods of time.
- · Do not throw the battery into water.
- Do not connect the positive and negative terminals of battery together.
- · Do not ship or store battery together with metal.
- Do not disassemble the battery. Battery warranty will be voided if the case is opened.
- Do not drop, impact or puncture the battery.
- Do not allow the battery to sit in a discharged state≤11.50V
- When the battery capacity is low (≤15% SOC), please charge the battery.
- Please use the matched or suggested charger that contains a Lithium charge profile for this battery. Failure to install the correct battery charger will void all warranty.
- If the battery emits a peculiar smell, heating, distortion or appears to have any abnormality during operation or storage, please stop using the battery and take it out of service. Contact Enerdrive for further details
- If the battery leaks and gets into eyes or on skin, do not wipe. Rinse with clean water and seek medical attention immediately.

Low Battery Voltage Disconnect

The battery has a low voltage disconnect incorporated for self-protection. If the battery is drawn down to the internal low voltage disconnect set point 2.8v per cell (11.2V for 12V battery) the battery will disconnect.

Section 9 - FAQ

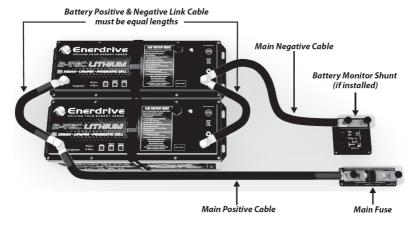
Q: Can I parallel B-TEC batteries?

A: The short answer is yes.

The long answer is - make sure the link cables are of the same size or greater than your load/charging requirements and no more than 4 batteries in parallel.

With low to medium current draw installations (the vast majority of applications) you may never see an issue and your storage capacity will be greatly increased - I.E. $2 \times 200 \text{ Amp} = 400 \text{ Amp}$ capacity.

When installing, fully charge the batteries separately - then let sit for 30 minutes before connecting together. When connecting in parallel - take the positive from Battery 1, and the negative from Battery 2 to your system as per the diagram below.



The Smart Phone App will only show the information from one battery at a time - not both. This is another advantage of a separate Battery Monitor - it will show the total system environment.

*Note: Slight variance of State of Charge or Amps may occur between the batteries in parallel however these should not vary by more than 5%.

It is recommend that annually the batteries be disconnected and individually charged allowing them to sit at a fully charged state for 12hrs each before connecting back together.



Q: Can I series connect B-TEC batteries to achieve higher voltage?

A: No. Enerdrive offers higher voltage Lithium solutions - contact us for details.

Q: Can I use an Inverter with my B-TEC battery?

A: Yes. Refer to Section 4 for more detail.

Q: Can I install the B-TEC battery in a wet area?

A: No. Due to the construction of the B-TEC cases the batteries must be installed in a dry environment to protect against moisture ingress.

Q: Can I install the B-TEC battery on its side or end?

A: No. Please note that the 12V 200Ah SLIM B-TEC Battery features a wider range of acceptable mounting orientations - please refer to the diagram below for guidance.

MULTIPLE MOUNTING ORIENTATIONS



CAN'T BE MOUNTED SIDEWAYS





Section 10 - Specifications

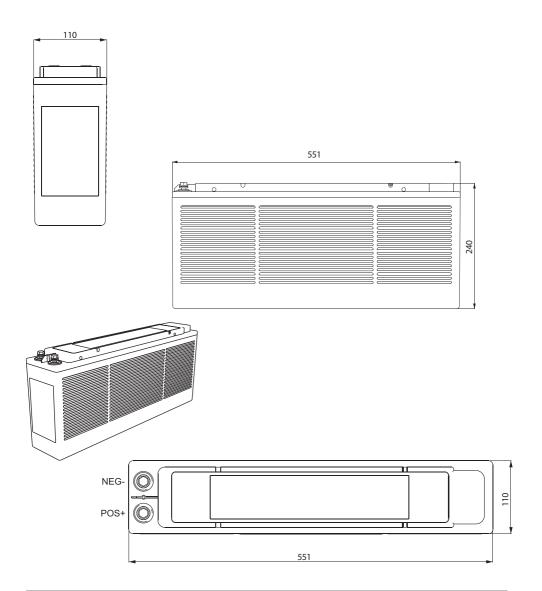
		CATIONS: Enerdriv							
Normal Specificatio	n	EPL-100BT-12V-SLIM	EPL-125BT-1	2V-G2	EPL-200BT-		EPL-200BT-12V-SLIM	EPL-300B	1-12V-G2
Nominal Voltage		10041	12541		12.8\		20041	200	\ A.I.
Nominal Capacity		100Ah	125Ah	n .	200A	ıh	200Ah	300)Ah
Cycle Life (DOD - 809 under controlled cor) ≥2000 Cycles							
Standard Charge Sp	ecification	(Lithium profile charge	r required)						
Battery Charge Temp	erature	e 0 - 45°C							
Normal Charge Volta	ge CV/CC*	CC* 14.20 ~14.60							
Standby (Float) Volta	ge								
Maximum Charge Cι	irrent	80A @ 25°C for 30mins	80A @ 25°C for	r 30mins	150A @ 25°C f	for 30mins	150A @ 25°C for 30mins	190A @ 25°C	for 30mii
Nominal Charge Cur for Maximum Life	rent	20~50A	20~60)A	40~10	0A	40~100A	80~1	20A
Standard Discharge	Specificat	ion							
Battery Discharge Te	mperature				-20°C ~ (60°C			
Battery Output Volta	y Output Voltage Range 11.20 ~ 14.60V approx.								
Maximum Discharge	Current	100A @ 25°C ±5°C for 30 mins	100A @ 25°C for 30 m	C±5°C ins	200A @ 25° for 30 m	C ±5°C	250A @ 25°C ±5°C for 15 mins	250A @ 25 for 15	5°C ±5°C mins
Pulse Discharge Curr	ent	250A for 1.0s			101 30 11		A for 1.0s		
Discharge Cut-Off Vo	ltage				≤11.2	0V			
Circuit Protection									
The battery is supplie							ch single prismatic cell du ure safe and accurate ope		
Over-Charge Protec		3.				•			
Over-Charge Protecti	on Per Cell				3.750 ± 0	0.03V			
Over-Charge Release	Per Cell				3.60 ± 0	.05V			
Over-Charge Release	Method			Dise	charge below r	elease volt	age		
Over-Discharge Pro	tection								
Over-Discharge Protec	tion Per Cell				2.80V ± 0	0.05V			
Over-Discharge Relea	se Per Cell				3.20V ± 0	0.05V			
Over-Disharge Releas	e Method			Ap	ply Charge/Vo	oltage ≥12.	Bv		
Over Current Protec					., ,				
Discharge Over Curre	nt	110A for 30s - 450A for 1s	110A for 30s - 45	50A for 1s	220A for 30s - 4	450A for 1s	280A for 25s - 400A for 3.5s	280A for 25s -	400A for 3.
Protection Reset Time Approx 10s Auto Release									
Over Current Pelease	r Current Release Method Disconnect Load								
					Disconnec	ct Load			
					Disconnec	ct Load			
Over Temperature F	rotection								
	rotection				Protection to 6	55°C ± 5°C			
Over Temperature F	rotection				Protection to 6	55°C ± 5°C 0°C ± 5°C			
Over Temperature F	Protection er Temp				Protection to 6 Release at 50 Protection to 5	55°C ± 5°C 0°C ± 5°C 55°C ± 5°C			
Over Temperature F Battery Discharge Ov	Protection er Temp Femp				Protection to 6	55°C ± 5°C 0°C ± 5°C 55°C ± 5°C 5°C ± 5°C			
Over Temperature F Battery Discharge Ov Battery Charge Over	er Temp Temp	Without Tray	Without Tray	With	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release	55°C ± 5°C 55°C ± 5°C 55°C ± 5°C 5°C ± 5°C 60°C ± 5°C 60°C ± 5°C 60°C ± 5°C	Without Tray	With Trav	Without Trav
Over Temperature F Battery Discharge Ov Battery Charge Over Short Circuit Protection	er Temp Temp	Without Tray 551mm	Tray		Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release	55°C ± 5°C 0°C ± 5°C 55°C ± 5°C 55°C ± 5°C	Without Tray 352mm	With Tray 521mm	Without Tray 521mm
Over Temperature In Battery Discharge Over Battery Charge Over Short Circuit Protection Mechanical Charact	Protection er Temp Temp on		Tray 318mm 3	With Tray	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release Without Tray	55°C ± 5°C 0°C ± 5°C 55°C ± 5°C 5°C ± 5°C e after 5s With Tray		Tray	Tray
Over Temperature F Battery Discharge Ov Battery Charge Over Short Circuit Protection	Protection er Temp Temp on teristics Length	551mm	318mm 3 165mm 1	With Tray	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release Without Tray 505mm	55°C ± 5°C 55°C ± 5°C 55°C ± 5°C 5°C ± 5°C e after 5s With Tray 505mm	352mm	Tray 521mm	521mm
Over Temperature F Battery Discharge Over Battery Charge Over Short Circuit Protection Mechanical Charact	Protection er Temp Femp on teristics Length Width Height	551mm 110mm 240mm	318mm 3 165mm 1 232mm 2	With Tray 118mm 65mm	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release Without Tray 505mm 173mm 265mm	55°C ± 5°C 5°C ± 5°C 5°C ± 5°C 5°C ± 5°C 5°C ± 5°C a after 55 With Tray 505mm 173mm 272mm Approx.	352mm 83mm 280mm	521mm 280mm 253mm Approx.	521mm 288mm 261mm
Over Temperature In Battery Discharge Over Battery Charge Over Short Circuit Protection Mechanical Charact Dimensions	Protection er Temp Femp on eristics Length Width Height	551mm 110mm	318mm 3 165mm 1 232mm 2	With Tray 118mm 65mm	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release Without Tray 505mm 173mm	555°C ± 5°C 0°C ± 5°C 55°C ± 5°C 55°C ± 5°C e after 5s With Tray 505mm 173mm 272mm	352mm 83mm	521mm 280mm 253mm	521mm 288mm
Over Temperature F Battery Discharge Over Battery Charge Over Short Circuit Protection Mechanical Charact	Protection er Temp Femp On Reristics Length Width Height Weight	551mm 110mm 240mm	318mm 3 165mm 1 232mm 2	With Tray 118mm 65mm 240mm Approx. 16.2kg	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release Without Tray 505mm 173mm 265mm Approx. 25kg	55°C ± 5°C 0°C ± 5°C 55°C ± 5°C 65°C ± 5°C e after 5s With Tray 505mm 173mm 272mm Approx. 26kg	352mm 83mm 280mm Approx. 31kg	521mm 280mm 253mm Approx.	521mm 288mm 261mm
Over Temperature In Battery Discharge Over Battery Charge Over Short Circuit Protection Mechanical Charact Dimensions	rotection er Temp femp on teristics Length Width Height Weight	551mm 110mm 240mm	318mm 3 165mm 1 232mm 2	With Tray 118mm 65mm 240mm Approx. 16.2kg	Protection to 6 Release at 50 Protection to 5 Release at 45 Auto release Without Tray 505mm 173mm 265mm	55°C ± 5°C 0°C ± 5°C 55°C ± 5°C 55°C ± 5°C e after 5s With Tray 505mm 173mm 272mm Approx. 26kg	352mm 83mm 280mm Approx. 31kg	521mm 280mm 253mm Approx.	521mm 288mm 261mm

	SPECIFIC	CATIONS: Enerdrive B-TEC L	ithium Battery Te	chnical Data - :	24 & 36 VOLT		
Normal Specification		EPL-100BT-24V	EPL-150B1	Γ-24V-G2	EPL-100BT-36V		
Nominal Voltage		25.6V	25.6	5V	38.4V		
Nominal Capacity	ty 100Ah		150	Ah	100Ah		
Cycle Life (DOD - 80% under controlled cond		≥2000 Cycles					
Standard Charge Sp	ecification (I	Lithium profile charger required)					
Battery Charge Tempe	erature		0 - 45	5°C			
Normal Charge Voltag	ge CV/CC*	28.80 ~29.20	28.80 ~	29.20	43.20 ~43.80V		
Standby (Float) Voltag	ge	27.00 ~27.60	27.00 ~	27.60	40.5 ~41.40V		
Maximum Charge Cur	rrent	50A @ 25°C for 30mins	100A @ 25°C	for 60mins	50A @ 25°C for 30mins		
Recommended Charg for Maximum Life	je Current	20~50A	30~75	5A	20~50A		
Standard Discharge	Specificatio	n					
Battery Discharge Ten	nperature		-20°C ~	- 60°C			
Battery Output Voltag	_	22.40 ~ 29.20V	22.40 ~ 2	29.20V	33.60 ~ 43.80V		
Maximum Discharge		100A @ 25°C ±5°C for 30 mins	150A @ 25°C ±5	°C for 30 mins	100A @ 25°C ±5°C for 30 mins		
Pulse Discharge Curre	_		450A fo	r 1.0s			
Discharge Cut-Off Vol		≤22.40V	≤22.4		≤33.60V		
Circuit Protection							
		PO4 Battery Management System (BMS om overcharge, over discharge & short o					
Over-Charge Protect	tion						
Over-Charge Protection	on Per Cell		3.750 ±	0.03V			
Over-Charge Release F							
Over-Charge Release I	Method		Discharge below	release voltage			
Over-Discharge Prot	ection						
Over-Discharge Protect		2.80V ± 0.05V					
over bischange riblect			2.80V ±	0.05V			
	ion Per Cell		2.80V ± 3.20V ±				
Over-Discharge Releas	ion Per Cell se Per Cell	Apply Charge/Voltage ≥25.6v		0.05V	Apply Charge/Voltage ≥38.4v		
Over-Discharge Releas Over-Disharge Release	ion Per Cell se Per Cell e Method	Apply Charge/Voltage ≥25.6v	3.20V ±	0.05V	Apply Charge/Voltage ≥38.4v		
Over-Discharge Release Over-Disharge Release Over Current Protect	ion Per Cell se Per Cell e Method		3.20V ± Apply Charge/Vo	0.05V oltage ≥25.6v			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Currer	ion Per Cell se Per Cell e Method	Apply Charge/Voltage ≥25.6v 110A for 30s - 450A for 1s	3.20V ±	0.05V oltage ≥25.6v 400A for 3.5s	Apply Charge/Voltage ≥38.4v 110A for 30s - 450A for 1s		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Currer Protection Reset Time	ion Per Cell se Per Cell e Method tion		3.20V ± Apply Charge/Vo	0.05V oltage ≥25.6v 400A for 3.5s uto Release			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Currer Protection Reset Time Over Current Release I	ion Per Cell se Per Cell e Method tion Method		3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s Au	0.05V oltage ≥25.6v 400A for 3.5s uto Release			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Protection	ion Per Cell se Per Cell e Method tion ht Method rotection		3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s Au Disconne	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Currer Protection Reset Time Over Current Release I Over Temperature Protection	ion Per Cell se Per Cell e Method tion ht Method rotection		3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s Au	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ± 5°C			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Currer Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Ove	ion Per Cell se Per Cell e Method tion Method rotection		3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s Au Disconne	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C < 50°C ±5°C			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Currer Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Ove	ion Per Cell se Per Cell e Method tion Method rotection		3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C < 50°C ±5°C			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over Temperature	ion Per Cell se Per Cell se Per Cell se Method tion nt Method rotection		3.20V ± Apply Charge/Vo 170A for 10s - A Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ± 5°C < 50°C ± 5°C < 45°C ± 5°C < 45°C ± 5°C			
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over Time Short Circuit Protection	ion Per Cell se Per Cell se Per Cell se Method tion nt Method rotection re Temp	110A for 30s - 450A for 1s	3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto release	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C <50°C ±5°C <45°C ±5°C <45°C ±5°C e after 5s	110A for 30s - 450A for 1s		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over Time Short Circuit Protection	ion Per Cell se Per Cell se Per Cell se Method tion th Method rotection emp n eristics	110A for 30s - 450A for 1s Without Tray	3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto release Without Tray	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ± 5°C < 50°C ± 5°C < 45°C ± 5°C < 45°C ± 5°C with Tray	110A for 30s - 450A for 1s Without Tray		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Curren Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over Time Short Circuit Protectio Mechanical Characte	ion Per Cell se Per Cell se Per Cell se Method tion nt Method rotection re Temp	110A for 30s - 450A for 1s	3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto release	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C <50°C ±5°C <45°C ±5°C <45°C ±5°C e after 5s	110A for 30s - 450A for 1s Without Tray 520mm		
Over-Discharge Releas Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over To Short Circuit Protectio Mechanical Characte Dimensions	ion Per Cell se Per Cell se Per Cell se Method tion th Method rotection rremp n emp n Length Width	110A for 30s - 450A for 1s Without Tray 446mm	3.20V ± Apply Charge/Vo 170A for 10s - A Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto release Without Tray 521mm	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C <50°C ±5°C <55°C ±5°C <45°C ±5°C with Tray 521mm	110A for 30s - 450A for 1s Without Tray		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over To Short Circuit Protectio Mechanical Characte Dimensions	ion Per Cell se Per Cell se Per Cell se Method tition Method votection remp n eristics Length Width Height	Without Tray 446mm 161mm 245mm	3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto release Without Tray 521 mm 280 mm 253 mm	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ± 5°C <50°C ± 5°C <45°C ± 5°C <45°C ± 5°C e after 5s With Tray 288mm 261mm	### Without Tray 520mm		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Protection Battery Discharge Over Temperature Protection Cover Current Release I Discharge Over Temperature Protection Cover Current Protection Cover Temperature Protection Cover Tempe	ion Per Cell se Per Cell se Nethod tition Method workerton retretion retretion Length Width Height Weight	### 110A for 30s - 450A for 1s Without Tray 446mm 161mm	3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto releas Without Tray 521mm 280mm	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C <50°C ±5°C <55°C ±5°C <45°C ±5°C e after 5s With Tray 521mm 288mm	110A for 30s - 450A for 1s Without Tray 520mm 273mm		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over To Short Circuit Protectio Mechanical Charact Dimensions Weight	ion Per Cell se Per Cell se Nethod tition Method workerton retretion retretion Length Width Height Weight	Without Tray 446mm 161mm 245mm	3.20V ± Apply Charge/Vo Apply Charge/Vo Approx. 30s Au Disconne Protection to Reconnection Protection to Reconnection Auto release Without Tray 521mm 280mm 253mm Approx. 38.2kg	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C < 50°C ±5°C < 45°C ±5°C e after 5s With Tray 288mm 261mm Approx. 39.4kg	### Without Tray 520mm		
Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Curren Protection Reset Time Over Current Release I Over Temperature Pr Battery Discharge Over Battery Charge Over To Short Circuit Protectio Mechanical Charact Dimensions	ion Per Cell se Per Cell se Per Cell se Method tion Wethod rotection re Temp n reristics Length Width Height Weight	Without Tray 446mm 161mm 245mm	3.20V ± Apply Charge/Vo 170A for 10s - 4 Approx. 30s At Disconne Protection to Reconnection Protection to Reconnection Auto release Without Tray 521 mm 280 mm 253 mm	0.05V oltage ≥25.6v 400A for 3.5s uto Release ct Load 65°C ±5°C <50°C ±5°C <45°C ±5°C e after 5s With Tray 288mm 261mm Approx. 39.4kg	### Without Tray 520mm		



EPL-100BT-12V-SLIM

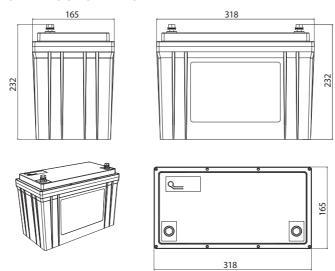
DIMENSIONS (NO STRAP & TRAY INCLUDED WITH THIS MODEL)



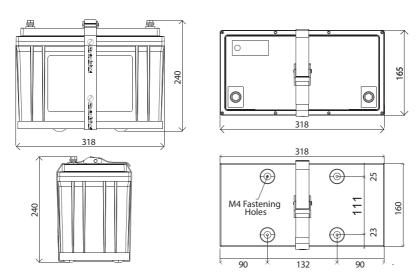


EPL-125BT-12V-G2

DIMENSIONS WITHOUT STRAP & TRAY



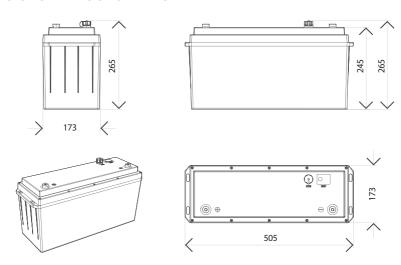
EPL-125BT-12V-G2 DIMENSIONS WITH STRAP & TRAY



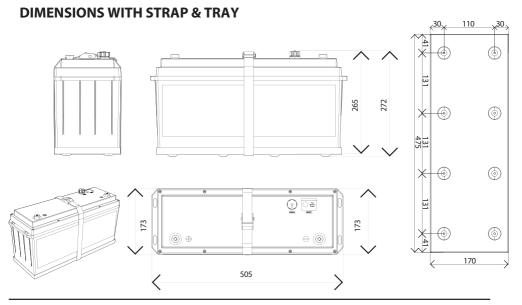


EPL-200BT-12V-G2

DIMENSIONS WITHOUT STRAP & TRAY



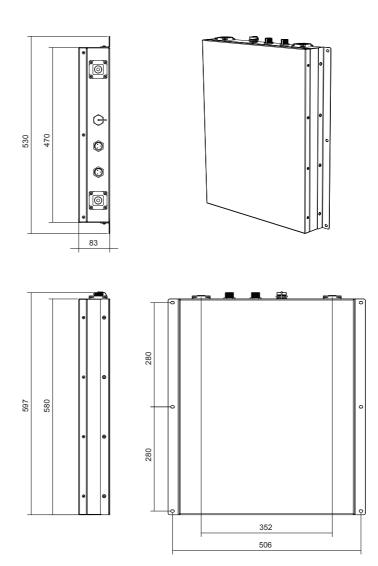
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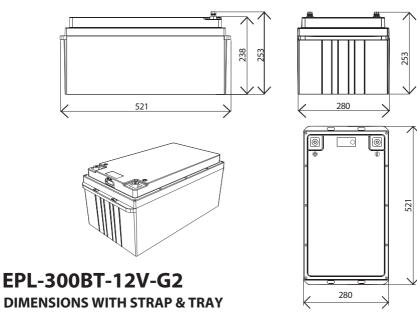
EPL-200BT-12V-SLIM

DIMENSIONS (NO STRAP & TRAY INCLUDED WITH THIS MODEL)



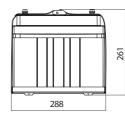
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DIMENSIONS WITHOUT STRAP & TRAY

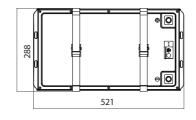


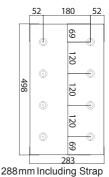


521





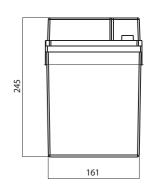


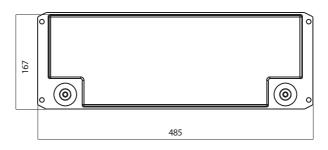


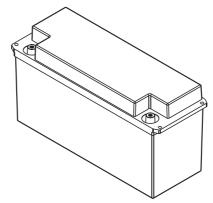


EPL-100BT-24V



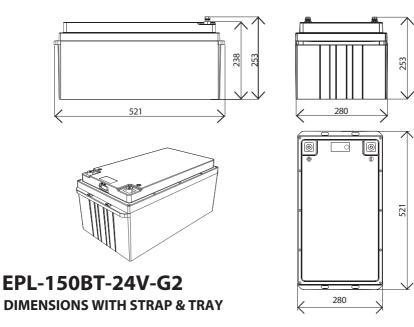


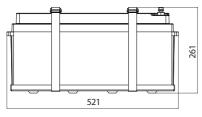


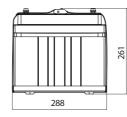


EPL-150BT-24V-G2

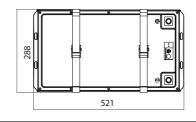
DIMENSIONS WITHOUT STRAP & TRAY

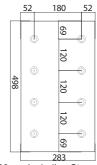








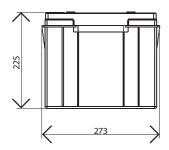


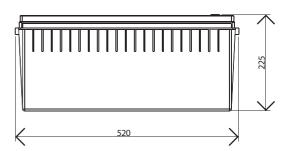


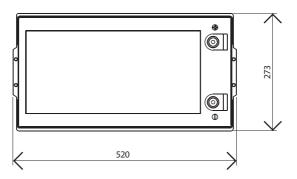
288mm Including Strap

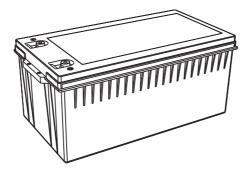


EPL-100BT-36V









Section 12 - Warranty



5 Year Warranty

In the unlikely event that a technical issue arises with an Dometic Power & Control (Enerdrive) Pty Ltd product, customers are encouraged to initially contact the Enerdrive Support Team on 1300 851 535 or support@enerdrive.com.au for immediate and efficient expertise and first class product support.

Important Note: Consumer Protections

If you have purchased your product in Australia, you should be aware that:

This warranty is provided in addition to other rights and remedies held by a consumer at law. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

Dometic Power & Control (Enerdrive) Pty Ltd warrants that its Products will be free from defects in materials and workmanship (subject to limits, and in normal conditions, as described in the complete Enerdrive Warranty Policy) for up to 5 years from the date of purchase.

For full terms, conditions and claim process, refer to the Enerdrive website. https://enerdrive.com.au/warranty/



NOTES:



>> DOMETIC

Dometic Power & Control (Enerdrive) Pty Ltd

P.O. Box 9159, Wynnum Plaza, Queensland, Australia 4178
Ph: 1300 851 535 / Fax: 07 3390 6911
Email: support@enerdrive.com.au

Web: www.enerdrive.com.au