



Owner's Manual

• EPL-100BT-12V-SLIM • EPL-125BT-12V-G2 • EPL-200BT-12V-G2 • EPL-300BT-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

Enerdrive B-TEC G2 Manual (Rev. 3.0)



For safe and optimum performance, the Enerdrive ePOWER 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 ePOWER 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-300BT-12V-G2 EPL-100BT-24V EPL-150BT-24V-G2 EPL-100BT-36V

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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 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.

Refer to applicable transportable structures or marine standards for further installation requirements.

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 order with heaviest current draw in contact with the battery to light current draw 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)

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 (mm ²)	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.



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.

Consider current like plumbing... The thicker the pipe (cable) the more current can flow through it.

These are recommended wire guages and approximate current specifications for cable lengths shorter than 1 - 2 metres:

Guage 2	35mm ²	155Amps
Guage 0	50mm ²	185Amps
Guage 00	70mm ²	240Amps

A 2000W inverter will draw approximately 170-180 Amps through the cables connected between it and the battery - this will NOT be achieved with undersized wire.

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 300AH B-TEC 12V 3500W 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 50 Amps used 100 Amps used State of Charge = 100% State of Charge = 75% 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 discconnect.

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
- 2. Connect charging source/s and switch ON
- 3. Hold the "Reset" button on top of the battery for 5-10 seconds
- 4. Release and wait 7 seconds
- 5. Power should now be restored and charging will commence
- 6. When the SOC (State of Charge) is above 20%, loads can be switched on if required



By continuously tripping the low voltage discconnect 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 ≥ 12.8 v 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 beging charging.

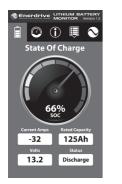


Section 7 - Using the Smart Phone Battery Monitor App

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).

* Red light is only an indicator, not a fault condition.

- * The default password is 1234 (this allows you to change the Bluetooth name of the battery).
- * 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. Enerdrive Pty Ltd is not responsible for any accidents cause by the usage without following our specification.

WARNING!

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) the battery will disconnect.



Section 9 - FAQ

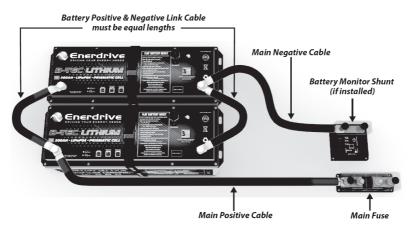
Q: Can I parallel B-TEC batteries?

A: The short answer is yes.

The long answer is - if you are drawing large currents, the maximum current delivered will be limited to the maximum instantaneous discharge capacity of one battery (200 Amps).

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 x 200 Amp = 400 Amp capacity.

When installing, ensure they are fully charged, 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 state for 12hrs each before connecting 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.

Section 10 - Specifications

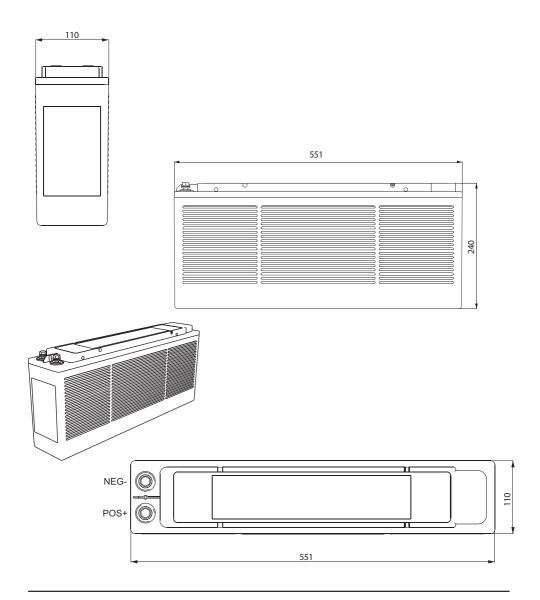
2	SPECIFI	CATIONS: Enerdrive B-	TEC 12v-G2	Lithium Ba	ttery Techni	ical Data - 1	2 VOLT				
Normal Specification	n	EPL-100BT-12V-SLIM	EPL-125E	3T-12V-G2	EPL-200B	T-12V-G2	EPL-300E	T-12V-G2			
Nominal Voltage				12	.8V						
Nominal Capacity		100Ah	12	5Ah	20	0Ah	DAh 300Ah				
Cycle Life (DOD - 80% under controlled cond		≥2000 Cycles									
Standard Charge Sp	ecification	(Lithium profile charger requ	ired)								
Battery Charge Tempe	erature			0 - 4	15°C						
Normal Charge Voltag	ge CV/CC*	14.20 ~14.60									
Standby (Float) Voltag	ge	13.50~13.80									
Maximum Charge Cur	rrent	80A @ 25°C for 30mins 80A @ 25°C for 30mins 150A @ 25°C for 30mins				190A @ 25°	C for 30mins				
Nominal Charge Curre for Maximum Life	ent	20~50A	-60A	40~	100A	80~	20A				
Standard Discharge	Specificat	ion									
Battery Discharge Ten	nperature			-20°C	~ 60°C						
Battery Output Voltag	ge Range			11.0 ~ 14.6	i0V approx.						
Maximum Discharge	Current	100A @ 25°C ±5°C for 30 mins	100A @ 25°C ±	5°C for 30 mins	200A @ 25°C ±	5°C for 30 mins	250A @ 25°C ±	5°C for 15 min			
Pulse Discharge Curre		250A for 1.0s			450A 1	for 1.0s					
Discharge Cut-Off Vol				<11	.20V						
Circuit Protection											
The battery is supplied		ePO4 Battery Management Sys rom overcharge, over discharge									
Over-Charge Protect		om overcharge, over discharge	a short circuit.	Overall, the birds	neips to ensure		ate operation of	the battery.			
Over-Charge Protectio	on Per Cell			3.90 ±	0.03V						
Over-Charge Release F	Per Cell			3.60 ±	0.05V						
Over-Charge Release I	Method			Discharge belov	v release voltage	2					
Over-Discharge Prot	ection										
Over-Discharge Protect	ion Per Cell			2.80V :	± 0.05V						
Over-Discharge Releas	se Per Cell			3.20V :	± 0.05V						
Over-Disharge Release	e Method			Apply Charge/	Voltage ≥12.8v						
Over Current Protect	tion										
Discharge Over Currer	nt	110A for 30s - 450A for 1s	110A for 30s	s - 450A for 1s	220A for 30s	- 450A for 1s	280A for 25s	- 400A for 3.5s			
Protection Reset Time				Approx 10s	Auto Release						
Over Current Release I	Method			Disconn	ect Load						
Over Temperature P	rotection										
Pattana Diasharan Our	Terra			Protection to	o 65°C ± 5°C						
Battery Discharge Ove	er iemp	Protection to 50°C ± 5°C									
Detter Channe Over T				Protection to	to 55°C ±5°C						
Battery Charge Over Te	emp		Protection to 45°C ± 5°C								
Short Circuit Protectio	n	Auto release after 5s									
Mechanical Characte	eristics	Without Tray	Without Tray	With Tray	Without Tray	With Tray	Without Tray	With Tray			
	Length	551mm	318mm	318mm	505mm	505mm	521mm	521mm			
	Width	110mm	165mm	165mm	173mm	173mm	280mm	288mm			
Dimensions	Height	240mm	232mm	240mm	265mm	272mm	253mm	261mm			
1	Weight	Approx. 12.5kg	Approx. 15.5kg	Approx. 16.2kg	Approx. 25.0kg	Approx. 26.0kg	Approx. 38.2kg	Approx. 39.4kg			
Storage Information	-										
			≤3	0 days - 20°C to 3	5°C. 45% to 75%	6 RH					
Temperature & Humid	ity Range			,							
Temperature & Humid Self-Discharge Rate	ity Range		≥3	0 days - 10°C to 3 ≤3% pe	0°C, 45% to 75%	RH					

Normal Specification								
		EPL-100BT-24V	EPL-150B		EPL-100BT-36V			
Nominal Voltage		25.6V	25.6V 150Ah		38.4V			
Nominal Capacity		100Ah	150	JAh	100Ah			
Cycle Life (DOD - 80% under controlled conc		≥2000 Cycles						
Standard Charge Spe	ecification (Lithium profile charger required)						
Battery Charge Tempe	erature		0 - 45°C					
Normal Charge Voltag	je CV/CC*	28.80~29.20	28.80 -	~29.20	43.20 ~43.80V			
Standby (Float) Voltag	je	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	e Current	20~50A	20~50A 30~75A					
Standard Discharge	Specificatio	n						
Battery Discharge Terr	nperature		-20°C -	~ 60°C				
Battery Output Voltag		22.0 ~ 29.20V	22.0 ~ 2	29.20V	33.0 ~ 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	or 1.0s				
Discharge Cut-Off Vol		≤22.40V	≤22.		≤33.60V			
Circuit Protection	- 1							
		ePO4 Battery Management System (BMS om overcharge, over discharge & short c						
Over-Charge Protect	tion							
Over-Charge Protectio	on Per Cell		3.90 ±	0.03V				
Over-Charge Release P	Per Cell	3.60 ± 0.05V						
Over-Charge Release N	Method		Discharge below	release voltage				
Over-Discharge Prot	ection							
-			2.80V ±	± 0.05V				
Over-Discharge Protecti	ion Per Cell		2.80V ± 3.20V ±					
Over-Discharge Protecti Over-Discharge Releas	ion Per Cell se Per Cell	Apply Charge/Voltage ≥25.6v		± 0.05V	Apply Charge/Voltage ≥38.4v			
Over-Discharge Protecti 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 Protecti Over-Discharge Release Over-Disharge Release Over Current Protect	ion Per Cell se Per Cell Method	Apply Charge/Voltage ≥25.6v 110A for 30s - 450A for 1s	3.20V ±	± 0.05V ⁄oltage ≥25.6v	Apply Charge/Voltage ≥38.4v 110A for 30s - 450A for 1s			
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Over-Discharge Protecti Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Curren Protection Reset Time	ion Per Cell ie Per Cell Method tion		3.20V ± Apply Charge/V 170A for 10s -	± 0.05V /oltage ≥25.6v 400A for 3.5s uto Release				
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Over-Discharge Protecti Over-Discharge Release Over-Discharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release <i>N</i> Over Temperature Pr Battery Discharge Ove	ion Per Cell ie Per Cell ie Method it ion wethod wethod wethod in rotection		3.204 4 Apply Charge/v 170A for 10s - Approx. 30s A Disconne Protection to	20.05V foltage ≥25.6v 400A for 3.5s uto Release ect Load $65^{\circ}C \pm 5^{\circ}C$				
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Over-Discharge Protecti Over-Discharge Release Over-Disharge Release Dver Current Protect Discharge Over Curren Protection Reset Time Over Current Release M Over Temperature Pr Battery Discharge Over Battery Charge Over Te Short Circuit Protection	ion Per Cell ie Per Cell ie Method it Method rotection rremp n		3.204 d Apply Charge/v 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to	0.05V foltage ≥25.6v 400A for 3.5s uto Release ect Load $0.65^{\circ}C \pm 5^{\circ}C$ $0.55^{\circ}C \pm 5^{\circ}C$ $0.55^{\circ}C \pm 5^{\circ}C$				
Over-Discharge Protecti Over-Discharge Release Over-Disharge Release Dver Current Protect Discharge Over Curren Protection Reset Time Over Current Release M Over Temperature Pr Battery Discharge Over Battery Charge Over Te Short Circuit Protection	ion Per Cell ie Per Cell ie Method it Method rotection rremp n	110A for 30s - 450A for 1s	3.204 4 Apply Charge/v 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to Protection to Auto releas	0.05V foltage ≥25.6v 400A for 3.5s uto Release ect Load $0.65^{\circ}C \pm 5^{\circ}C$ $0.50^{\circ}C \pm 5^{\circ}C$ $0.55^{\circ}C \pm 5^{\circ}C$ $0.55^{\circ}C \pm 5^{\circ}C$ se after 5s	110A for 30s - 450A for 1s			
Over-Discharge Protecti Over-Discharge Release Over-Disharge Release Dver Current Protect Discharge Over Current Protection Reset Time Over Current Release N Over Temperature Pr Battery Discharge Over Battery Charge Over Te Short Circuit Protection Mechanical Characte	ion Per Cell	110A for 30s - 450A for 1s Without Tray	3.20V 4 Apply Charge/w 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to Protection to Auto relea: Without Tray	2 0.05V foltage ≥25.6v 400A for 3.5s uto Release ect Load 0 65°C ± 5°C 0 50°C ± 5°C 0 55°C ± 5°C 0 45°C ± 5°C 55°C ± 5°C With Tray	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 520mm			
Over-Discharge Protecti Over-Discharge Protecti Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release N Over Temperature Pr Battery Discharge Over Battery Charge Over Te Short Circuit Protection Mechanical Characte Dimensions	ion Per Cell ie Per Cell ie Method it Method rotection rotection rotection ramp aristics Length [110A for 30s - 450A for 1s Without Tray 446mm	3.204 4 Apply Charge/v 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to Auto relea: Without Tray 521mm	0.05V voltage ≥25.6v 400A for 3.5s uto Release ect Load $0.65^{\circ}C \pm 5^{\circ}C$ $0.55^{\circ}C \pm 5^{\circ}C$ $0.55^{\circ}C \pm 5^{\circ}C$ $0.45^{\circ}C \pm 5^{\circ}C$ se after 5s With Tray 521mm	110A for 30s - 450A for 1s Without Tray			
Over-Discharge Protecti Over-Discharge Release Over-Disharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release N Over Temperature Pr Battery Discharge Over Battery Charge Over Te Short Circuit Protection Mechanical Characte	ion Per Cell	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 446mm 161mm 245mm	3.20V 4 Apply Charge/w 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to Auto releas Without Tray 521mm 280mm 253mm	2 0.05V Voltage ≥25.6v 400A for 3.5s uto Release ect Load 0 65°C ± 5°C 0 50°C ± 5°C 0 45°C ± 5°C 0 45°C ± 5°C 50°C ± 5°C 50°C ± 5°C 50°C ± 5°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 52°C 53°C 52°C 53°C	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 520mm 273mm 225mm			
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Over-Discharge Protecti Over-Discharge Release Over-Discharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release N Over Temperature Pr Battery Discharge Over Battery Discharge Over Te Short Circuit Protection Mechanical Characte Dimensions	ion Per Cell ie Per Cell ie Method ion	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 446mm 161mm 245mm	3.20V 4 Apply Charge/W 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to Protection to Auto releas Without Tray 521mm 280mm 253mm Approx. 38.2kg	2 0.05V Voltage ≥25.6v 400A for 3.5s uto Release ect Load 0 65°C ± 5°C 0 50°C ± 5°C 0 45°C ±	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 520mm 273mm 225mm			
Over-Discharge Protecti Over-Discharge Release Over-Discharge Release Over Current Protect Discharge Over Current Protection Reset Time Over Current Release H Over Temperature Pr Battery Discharge Over Battery Charge Over Te Short Circuit Protection Mechanical Characte Dimensions Weight	ion Per Cell	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 446mm 161mm 245mm	3.20V 4 Apply Charge/w 170A for 10s - Approx. 30s A Disconne Protection to Protection to Protection to Auto releas Without Tray 521mm 280mm 253mm	E 0.05V (oltage ≥25.6v 400A for 3.5s uto Release ect Load 0 65°C ± 5°C 0 50°C ± 5°C 0 45°C ±	110A for 30s - 450A for 1s 110A for 30s - 450A for 1s Without Tray 520mm 273mm 225mm			



EPL-100BT-12V-SLIM

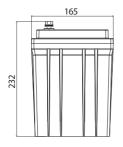
DIMENSIONS (NO STRAP & TRAY INCLUDED WITH THIS MODEL)

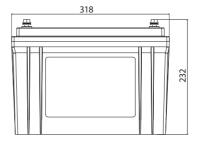




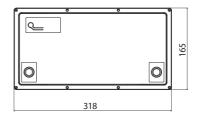
EPL-125BT-12V-G2

DIMENSIONS WITHOUT STRAP & TRAY



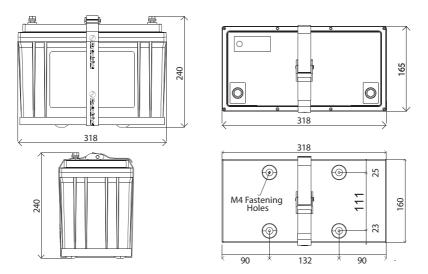






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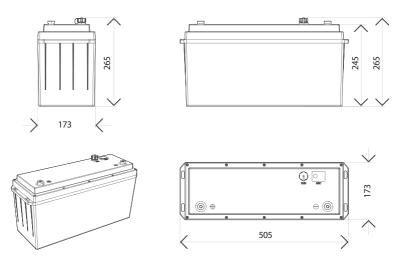
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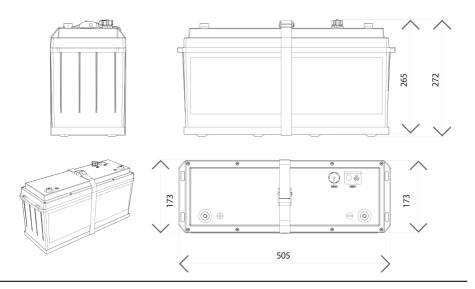


EPL-200BT-12V-G2

DIMENSIONS WITHOUT STRAP & TRAY



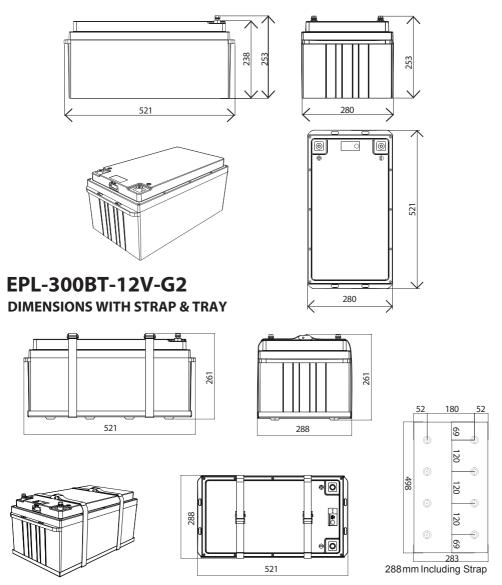
EPL-200BT-12V-G2 DIMENSIONS WITH STRAP & TRAY





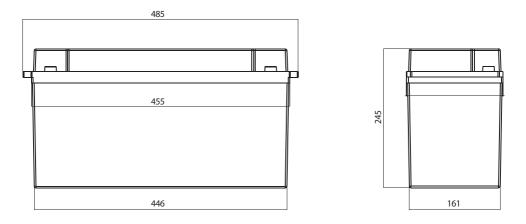
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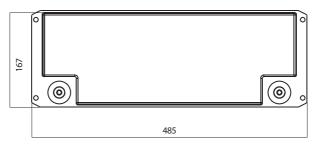
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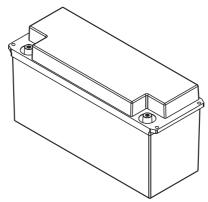




EPL-100BT-24V



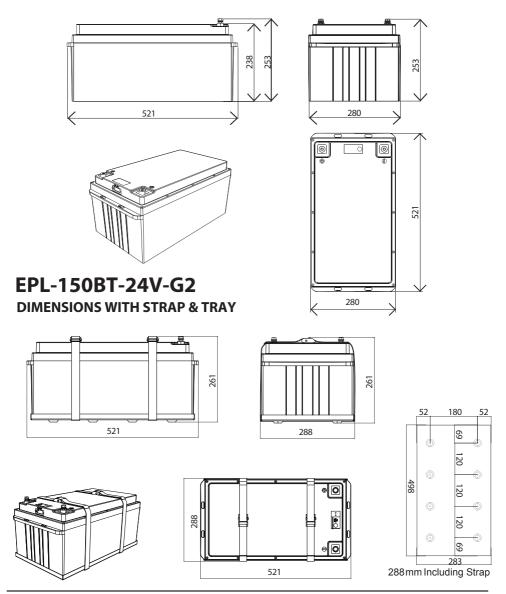






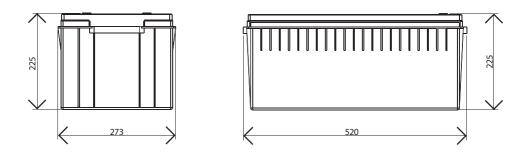
EPL-150BT-24V-G2

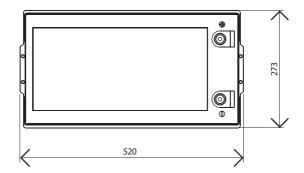
DIMENSIONS WITHOUT STRAP & TRAY

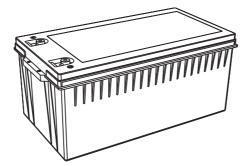




EPL-100BT-36V









Section 12 - Warranty



5 Year Warranty

In the unlikely event that a technical issue arises with an Enerdrive 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.

Enerdrive 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 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