INVICTA LITHIUM BATTERIES

SNLX12V120BT SPECIFICATION SHEET

About Invicta Lithium

The Invicta Xero 12V range has been specifically designed for replacement of similar size Lead acid batteries. The Xero range uses all the benefits of Lithium Iron Phosphate (LiFePO4) technology and pushes the limits in communication posibilites, power, safety and security with its advanced battery technology.

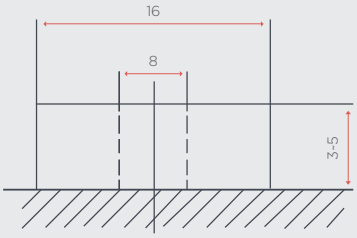
Features & Benefits

- **Large number of cycles >3000 (100% DoD)**
  Up to 10 times cycle life of SLA lowering your total cost of ownership
- **Safe and stable chemistry & Integrated BMS**
  The use of LiFePO4 along with the integrated BMS ensures protection against over charge / discharge, temperature and short circuit providing the highest degree of safety
- **More communication possibilites** with Bluetooth and open CAN bus, this makes connecting devices even easier.
- **High energy density (less than half of the weight of SLA)**
  Lowering total weight of application
- **Detachable mounting feet**
- Secure your battery to the application with detachable mounting feet. Simply remove/attach with a screw driver.
- **Sealed from the Australian elements**
  IP67 rated
- **More power and customisation** with the ability to connect 4 in series, or 16 in parallel, or upto 4 in series and 4 in parallel. Max discharge has been increased to 150A (Pulse 500A @ 35 seconds)

In order to use the Bluetooth functionality, please download our INVICTA App today.

Nominal Voltage	12.8v
Nominal Capacity (25°C, 0.33C)	120Ah
Terminal	M8
Length (mm)	308 ± 2mm
Width (mm)	168 ± 2mm
Height (mm)/Terminal Height	211/220 ± 2mm
Weight	13.0kg
Max Charge Voltage	14.5 ± 0.1V
Standby	13.8 ± 0.1V
Cut off Voltage	11V
Max. Discharge Current	150A
Max. Pulse Discharge Current (3 Sec)	500A
Max. Charge Current	100A
Cycle Life (100% DoD)	≥3000
Operating Temp - Charge	0 - 60°C
Operating Temp - Discharge	-20 - 55°C
Short Circuit Release	Load Release
Max. Series / Parallel Configuration	4S/16P/4S+4P
Communication	Bluetooth and CAN/RS485
Certification	IEC62619
IP Rating	67

Terminal M8 Insert



SPB
Sealed Performance Batteries

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