

SNLX24V100BT SPECIFICATION SHEET



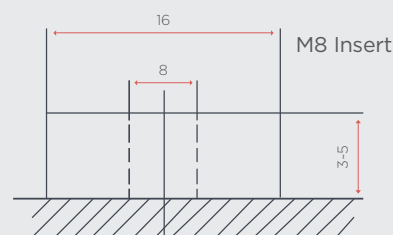
About Invicta Lithium

The Invicta Xero 24V 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 possibilities, 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 possibilities** 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
- **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.

Nominal Voltage	25.6V
Nominal Capacity (25°C, 0.33C)	100Ah
Terminal	M8
Length (mm)	485 ± 2mm
Width (mm)	172 ± 2mm
Height (mm)/Terminal Height	232/247 ± 2mm
Weight	23.0kg
Max Charge Voltage	29.2 ± 0.1V
Standby	27.6 ± 0.1V
Cut off Voltage	22V
Max. Discharge Current	120A
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 - 60°C
Short Circuit Release	Load Release
Max. Series / Parallel Configuration*	16P
Communication	Bluetooth and CAN/RS485
Certification	IEC62619
IP Rating	67



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



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