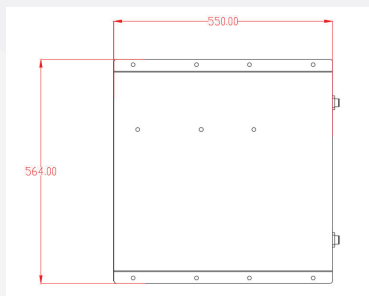


SNLSS12V230BT SPECIFICATION SHEET



About Invicta Lithium

The Invicta Lithium SuperSlim range has been specifically designed for placement in tight spaces. The family is comprised of the of a slim modular footprint but with the added benefits of Lithium Iron Phosphate (LiFePO4) technology and is ideally suited to deep cycle longer run time applications.

Features & Benefits

- Large number of cycles >3000 (100% DoD)**
 Up to 8 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
- Greater capacity utilisation - 60% more than SLA**
 Gives longer runtime than equivalent SLA
- High energy density (less than half of the weight of SLA)**
 Lowering total weight of application
- Fast recharge**
 Battery is charged and ready to be used sooner
- Flat Discharge Curve**
 Longer run time & more efficient use of capacity
- Extremely low self-discharge rate**
 Can sit unused for longer periods of time
- Small modular footprint**
 Perfect for fitting behind the back seat or in drawers

Nominal Voltage	12.8v
Nominal Capacity (25°C, 0.33C)	230Ah
Terminal	M8
Length (mm)	550 ± 2mm
Width (mm)	500 ± 2mm
Height (mm)	70 ± 2mm
Weight	27.0kg
Max Charge Voltage	14.4 ± 0.1V
Standby	13.8 ± 0.1V
Cut off Voltage	10V
Max. Discharge Current	250A
Max. Pulse Discharge Current (3 Sec)	400
Max. Charge Current	150A
Recommended Current Charge	≤ 50A
Cycle Life (100% DoD)	≥ 3000
Operating Temp - Charge	0 - 45°C
Operating Temp - Discharge	-20 - 60°C
Short Circuit Release	Load Release
Max. Series / Parallel Configuration	0S/4P
Dust & Water Resistance (IP)	IP56
Bluetooth Connectivity	Yes