

# SKANBATT

## Datablad for SB-PRO-100AH

### SKANBATT Lithium Professional IP67 12V 100Ah 150A BMS

Skannbatt Pro-serie lithium batteri er skreddersydd for industri-, proff og fritidsmarkedet og gir deg en solid, trygg og fleksibel strømforsyning. Dette batteriet er laget for å tåle tøffe utfordringer, uansett omgivelser!



Electrical Specifications		Mechanical Specifications	
Nominal Voltage	12.8V	Dimensions (L x W x H)	308mm x 168mm x 211mm
Nominal Capacity	100Ah	Weight	~12,5kg
Nominal Energy	1280Wh	Terminal	M8
Internal resistance	<20mOhm	Case Material	Reinforced plastics
Self discharge rate	<3% pr month (1)	Enclosure protection rating	IP67
Maximum modules in parallel/series	16/4 (2)		
Life Cycles	>6000 @ 80% DoD > 80% Capacity	Protection features	
Chemistry	LiFePO4	Short Circuit protection	Yes
		Low Voltage protection	Yes
		High Voltage protection	Yes
Charge Specifications		Low Temperature protection	Yes
Recommended charge current	<50A	High Temperature protection	Yes
Maximum charge current	100A	Cell imbalance protection	Yes
Recommended charge voltage	14,2-14,6V	Over current protection	Yes
Recommended Float Voltage	13,5-13,8V		
High voltage disconnect	15V +/-0.1V	Temperature specifications	
		Short-term storage temp.	-40°C to 60°C
		Long-term storage temp.	-10°C to 45°C
		Recommended Storage temp.	5°C - 15°C @45%-75% SoC <75% RH
		Charge Temperature	-25°C to 60°C
		Discharge Temperature	-20°C to 60°C
		Capacity @temp.	-20°C ≥60%, 0°C ≥80%, 25°C ≥100%
Discharge Specifications		Certifications and other information	
Recommended discharge current	<100A	Installation method	Floor, Shelf, Box etc.
Maximum cont. discharge current	150A @25°C	Certifications	IEC62133 / UL1973 / UN38.3 / CE / UL9540A
Peak discharge Current	800A <3@25°C@>80% SoC	(1) In sleep / power off mode	
Short circuit protection	1000A@500µs	(2) For more, contact your dealer	
End of discharge	~11V		
Communications			
Bluetooth	Yes		
RS485	Yes		
Can	Yes		
Parallel- and series	Yes, 1S:16p, 2S:4P, 4S:4P		