

# SKANBATT

## DatasheetBAS24-100

### Electrical Specifications

Nominal Voltage	25,6V
Nominal Capacity	100Ah
Nominal Energy	2560Wh
Internal Resistance	≤20mOhm
Self Discharge Rate	<3,5% pr month
Max. Modules inParallel/Series	4 / 2
Life Cycles	>4000 @0,3C 80% DoD
Chemistry	LiFePO4

### Mechanical Specifications

Dimensions (L x W x H)	385mm*190mm*245mm
Weight	17,92 ±0,2kg
Terminal	M8
Case Material	ABS
Enclosure Protection Rate	IP67

### Charge Specifications

Rec. Charge Current	<20A
Max. Charge Current	50A
Rec. Charge Voltage	28,0-29,2V
Rec. Float Voltage	27,2-27,6V
High Voltage Disconnect	29,6V +/-0,1V

### Protection Features

Short Circuit Protection	Yes
Low Voltage protection	Yes
High Voltage protection	Yes
Low Temperature protection	Yes
High Temperature protection	Yes
Cell imbalance protection	Yes
Over current protection	Yes

### Discharge Specifications

Rec. Discharge Current	<50A
Max. Continuous Discharge Current	100A
Peak Discharge Current	200A <3s@25 °C
Short Circuit Protection	3000A @300µs
End of Discharge	10~11V

### Temperature Specifications

Short-term Storage Temperature	-40°C to 60°C
Long-term Storage Temperature	-10°C to 15°C @45%-75% SoC
Rec. Storage Temperature	5°C to 45°C
Charge Temperature	0
Discharge Temperature	-20°C - 60°C

### Communications

Bluetooth	No
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### Others

Mountingorientation	Dynamic: Upright Static: Upright or side
Certifications	CE / UN38.3 / IEC62619 / RoHS