

SafeBatt Pro 51.2 V 105 Ah (SBP51.2–105).

51.2 V LITHIUM BATTERY

SafeBatt Pro 51.2 V 105 Ah

5.38 kWh

nominal storage at 51.2 V

A 48 V battery built for the weather.
Sealed LiFePO4 with Bluetooth, for outdoor, marine and storage use.

Safebatt

105 A
max charge and discharge

4,000
cycles at 100% depth of discharge

IP67
sealed against dust and water

39.5 kg
in a 522 × 244 × 223 mm case

BATTERY

Nominal voltage	51.2 V
Capacity	105 Ah (0.5C at 25 °C)
Energy	5,376 Wh
Chemistry	LiFePO4, prismatic cells
Charge current	52.5 A rated; 105 A max
Discharge current	52.5 A rated; 105 A max; 150 A for 30 s
Charge voltage	54.4–55.2 V; cut-off 58.4 V
Discharge cut-off	44.8 V
Cycle life	4,000 at 100% depth of discharge (1C)
Self-discharge	2% a month or less

BUILD AND PROTECTION

W × D × H	522 × 244 × 223 mm
Weight	39.5 kg
Terminals	M8
Ingress	IP67
Monitoring	Bluetooth
Connection	Series and parallel
Balancing	Built-in cell balancing
Temperature	Charge 0 to 45 °C; discharge −20 to 60 °C
Storage	−5 to 35 °C, at 50% charge
Certification	UN 38.3 (cells and battery)

TALK TO US

Adding storage to a 48 V system?

Send us your equipment and daily usage.
We'll size the battery bank to suit.

Jessi Mynott Business Development Manager & Solutions Architect
0437 475 118 · jessi.mynott@askwise.com.au · askwise.com.au/contactus

Store at 50% charge and recharge every 3 months. Specifications may change without notice. E&OE.