

SBP314



SAFE BATT PRO

The Ultimate LiFePO4 Battery For Seamless On And Off-grid Applications. With 300Ah Capacity And Operating At 12.8V



SPECIFICATIONS

AS3001 COMPLIANT
CERTIFICATION
IEC62619:2022

NOMINAL VOLTAGE	12.8V
CELL CAPACITY	314Ah
USABLE CAPACITY	300Ah
CHEMISTRY	LiFePO4
MAXIMUM DISCHARGE CURRENT	314A (1C)
BLUETOOTH	YES
WIFI	YES
IP RATING	IP55
RS485/CANBUS COMMUNICATION	YES
SERIES CONFIGURATION	YES
PARALLEL CONFIGURATION	YES
BALANCING	ACTIVE
WARRANTY PERIOD	5 YEARS, 10 YEARS IF REGISTERED AND
ASSEMBLY METHOD	LASER WELD/ FLEXIBLE BUSBARS
AS IEC62619 CONFORMITY	CELL AND ASSEMBLY
DIMENSIONS	385MM W INCLUDING LIFTING TABS (345MM WITHOUT) X 255MM H X 190MM D



SAFE BATT PRO SBP314 Safebatt

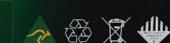
TECHNICAL SPECIFICATIONS

USABLE CAPACITY	300Ah	MAXIMUM CHARGE RATE	200A	IP RATING	IP55
CELL CAPACITY	314Ah	MAXIMUM DISCHARGE RATE	314A (1C)	AS3001 COMPLIANT	Yes
CHEMISTRY	LiFePO4	BLUETOOTH	Yes	WARRANTY	5 Years, 10 Years if Registered And Online
NOMINAL VOLTAGE	12.8V	WIFI	Yes	ASSEMBLY METHOD	Laser Weld/Flexible Busbars
NOMINAL CAPACITY	300Ah@20C	RS485/CANBUS COMMUNICATION	Yes	CONFORMITY	Cell and Assembly
TEMPERATURE RANGE	-20~50C	SERIES CONFIGURATION	Yes	AS IEC62619 CONFORMITY	Yes
CHARGE AND DISCHARGE	1C	PARALLEL CONFIGURATION	Active	MADE IN AUSTRALIA	Yes
		BALANCING	Prismatic		
		CELL STRUCTURE			

NOMINAL VOLTAGE
12.8V

AMP HOURS
314Ah

CAUTION: DO NOT SHORT CIRCUIT
DO NOT OVERCHARGE
DO NOT HEAT OR INCINERATE
DO NOT IMMERSIVE IN LIQUID
DO NOT DISASSEMBLE
ONLY USE A DEDICATED APPROVED LIFEP04 CHARGER
STORE AT 80% CAPACITY
RECHARGE EVERY 3 MONTHS
MAXIMUM 4 UNITS IN SERIES



NOMINAL VOLTAGE
12.8V

AMP HOURS
314Ah

SafeBatt Pro also available in full 100Ah capacity and operating at 51.2V



SPECIFICATION COMPARISON

Nominal Voltage

Cell Capacity

Usable Capacity

Maximum Discharge Current

Bluetooth

Wifi

RS485/CANBUS Communication

Series Configuration

Parallel Configuration

Balancing

Warranty Period

Assembly Method

AS IEC62619 Conformity

AS3001 Compliant

SAFE BATT LITE

12.8v

314Ah

300Ah

200A (0.63C)

Yes

No

Yes

No

Yes

Passive

5 Years

Bolt/Cable

Cell and Assembly

Yes

SAFE BATT PRO

12.8v

314Ah

300Ah

314A (1C)

Yes

Yes

Yes

Yes

Yes

Active

5 Years, 10 Years if registered and online

Laser Weld/Flexible Busbars

Cell and Assembly

Yes