LI BATTERIES THIUM SOUTH AFRICA

RHINO INTELLIFLEX

BUILT TOUGH, THINKS SMART

LBSA HV-104-WFRE HIGH VOLTAGE BATTERY



DETAILS

BULK + ABSORPTION: **84.3V**
FLOAT: **84.3V**
LOW VOLTAGE CUT OFF: **66V**
CHARGE FOR PARALLEL UNITS: **(90A*UNITS IN PARALLEL*)**
DISCHARGE FOR PARALLEL UNITS: **(100A*UNITS IN PARALLEL*)**

WARRANTY

THE LBSA HV-104-WFRE OFFERS A 10 YEAR WARRANTY / 6000 CYCLES. (20 - 30 YEAR SERVICE LIFE)

KEY FEATURES

- CABLE FREE POWER AND COMMUNICATION EASY
- CLICK CONNECTORS
- SIMPLE SLIDE IN CABINET
- OPTIMIZED SMART AIR COOLING
- HOT SWOP FEATURE (ALLOWING HASSLE FREE
- MODULE REPLACEMENT WITH AUTOMATED SMART BALANCING BETWEEN MODULES)
- CONCEALED MAIN CABLE COMPARTMENT.

MODULE BASIC PARAMETERS

MODULE NOMINAL VOLTAGE (V)	76.8V
MODULE NOMINAL CAPACITY (Ah)	104Ah
MODULE NOMINAL POWER (kWh)	7.98kWh
DIMENSIONS (mm) ASSEMBLED	444.6 x 723.5 x 1648.3
WEIGHT (Kg)	+- 65 Kg
DISCHARGE CUT-OFF VOLTAGE (V)	66V
CHARGE VOLTAGE (BULK + ABSORPTION) (V)	84.3V
MAX CONTINUOUS DISCHARGE CURRENT (A)	100A
MAX DISCHARGE CURRENT (60 SECONDS)	200A
MAX CONTINUOUS CHARGE CURRENT (A)	100A
MAXCHARGE CURRENT (A) (60 SECONDS)	200A
COMMUNICATION INTERFACE	CAN
CONFIGURATION	24S
OPERATING TEMPERATURE	0 - 45 °C
CELL CHEMISTRY	LITHIUM IRON PHOSPHATE (LiFePO4)
NUMBER OF MODULES	MINIMUM 3, MAXIMUM 12
CYCLE LIFE	≥80% CAPACITY STATE AFTER 4800 CYCLES AT 0.5C, 25°C, 100% DOD

3 TO 11 MODULES ENSURES COMPATIBILITY WITH YOUR INVERTER REQUIREMENTS.

3x MODULES	23, 964 Wh
4x MODULES	31, 948 Wh
5x MODULES	39, 935 Wh
6x MODULES	47, 922 Wh
7x MODULES	55, 909 Wh
8x MODULES	63, 896 Wh
9x MODULES	71, 883 Wh
10x MODULES	79, 870 Wh
11x MODULES	87, 857 Wh

RACK

444.6mm x 723.5mm x 1648.3mm

CONTROLLER

397.1mm x 536.6mm x 188.3mm



MODULE

397.1mm x 719.5mm x 136mm





AVAILABLE IN BLACK & WHITE