POWERING THE DREAM
ARIZON OFF GRID

TECHNICAL DATESHEET

ARI12100LFP-C

12V 100Ah LITHIUM BATTERY

12V 100Ah Lithium Battery

100Ah CAPACITY

1.28kWh ENERGY STORAGE

IP67 RATING

IEC 62619 COMPLIANT

5-YEAR WARRANTY

PRODUCT IMAGE



KEY FEATURES

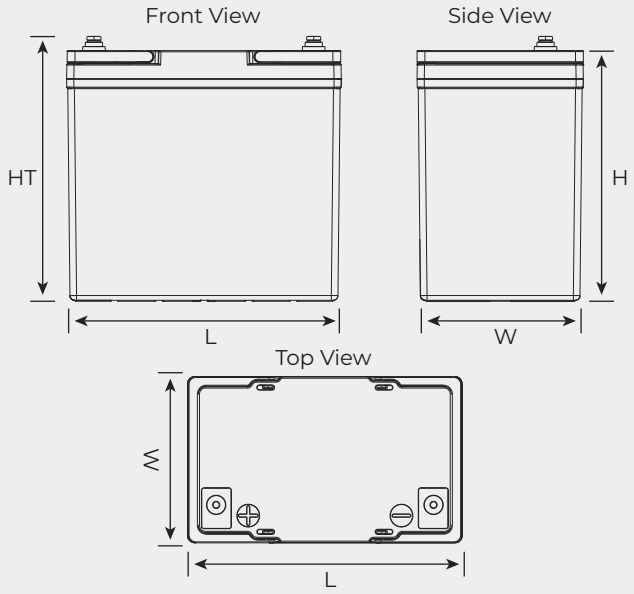
BUILT FOR AUSTRALIA
Designed for Australian conditions and off-grid applications.

BMS PROTECTION
Protects against under/over-voltage, over-temperature and short circuit.

LONG LASTING
Premium LiFePO$_4$ cells, intelligent BMS and rugged design for superior performance and long life.

5-YEAR WARRANTY
5-year warranty with local Australian support you can count on.

DIMENSIONS (mm)



W: 138 **L:** 212 **H:** 206 **HT:** 219

ELECTRICAL

Nominal Voltage	12.8V
Nominal Capacity	100Ah
Nominal Energy	1.28kWh
Cell Type	Prismatic LiFePO$_4$
Cycle Life	≥3000 cycles @80% DoD

CHARGE & DISCHARGE

Recommended Charge Voltage	14.2~14.4V
Recommended Charge Current	50A
Maximum Continuous Discharge Current	100A
Minimum Discharge Voltage	10V
Recommended Low Voltage Disconnect	11.5V

TEMPERATURE

Charge Temperature Range	0~60°C
Discharge Temperature Range	-20~60°C
Storage Temperature Range	-20~60°C

BMS & SYSTEM

Configuration	4 Batteries

PHYSICAL

Terminal Type	M8 Threaded
Terminal Torque	10–15 N·m
IP Rating	IP67
Case Material	ABS Plastic
Dimensions (L × W × H, including terminals)	212×138×219mm
Weight	9.59kg

COMPLIANCE & SHIPPING

Compliance / Certifications	IEC 62619 Complaint
Shipping Classification	UN3480, Class 9 DG

WINNER WINNER

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