POWERING THE DREAM
ARIZON OFF GRID

TECHNICAL DATESHEET
ARI12460LFP
12V 460Ah LITHIUM BATTERY

12V 460Ah
Lithium Battery

460Ah	5.89kWh	IP67	IEC 62619	5-YEAR
CAPACITY	ENERGY STORAGE	RATING	COMPLIANT	WARRANTY

PRODUCT IMAGE



KEY FEATURES

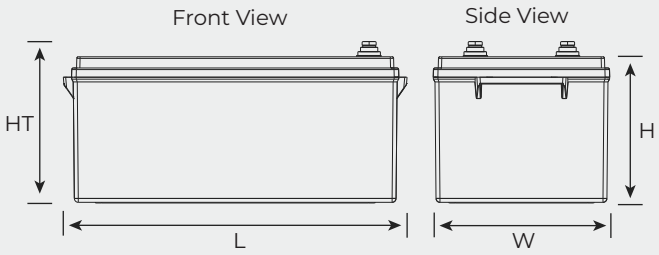
BUILT FOR AUSTRALIA
Designed for Australian conditions and off-grid applications.

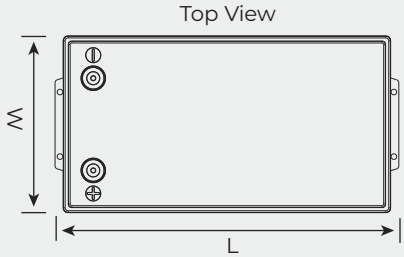
BMS PROTECTION
Protects against under/over-voltage, over-temperature and short circuit.

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: 269 **L:** 523 **H:** 220 **HT:** 232

ELECTRICAL	
Nominal Voltage	12.8V
Nominal Capacity	460Ah
Nominal Energy	5.89kWh
Cell Type	Prismatic LiFePO$_4$
Cycle Life	≥3000 cycles @80% DoD

CHARGE & DISCHARGE	
Recommended Charge Voltage	14.2~14.4V
Recommended Charge Current	200A
Maximum Continuous Discharge Current	300A
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)	523×269×232mm
Weight	40.4kg

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

WINNER WINNER

arizon.com.au
shop.arizon.com.au
602 Edgars Road, Epping, VIC 3076
(03) 8736 9006
info@arizon.com.au

POWERING THE DREAM
ARIZON OFF GRID