ENLiFEN 12V24Ah

12EL02421

- Valen ENLiFEN range features a Lithium Phosphate (LiFe PO4) battery constructed utilising individual 3.2V3200mAh cells in series and parallel.
- Superior life with an expectancy of 6 to 10 times more than standard AGM batteries.
- Up to two thirds lighter in weight than standard AGM batteries.
- Safer battery option as the customised built-in Valen ENLiFEN BMS prevents short circuit, over-voltage and over-discharge, as well as thermal runaway.

- Customisation allows the Valen ENLiFEN to be fitted into areas standard VRLA batteries cannot be utilised due to size restrictions.
- Maintenance-free battery range dramatically reduces the time spent on site for battery-related issues

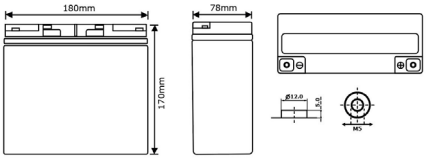
AUSTRALIA
1300 734 253
sales@valen.com.au
www.valen.com.au

NEW ZEALAND
0800 734 253
sales@valen.co.nz
www.valen.co.nz

12EL02421

BATTERY SPECIFICATIONS

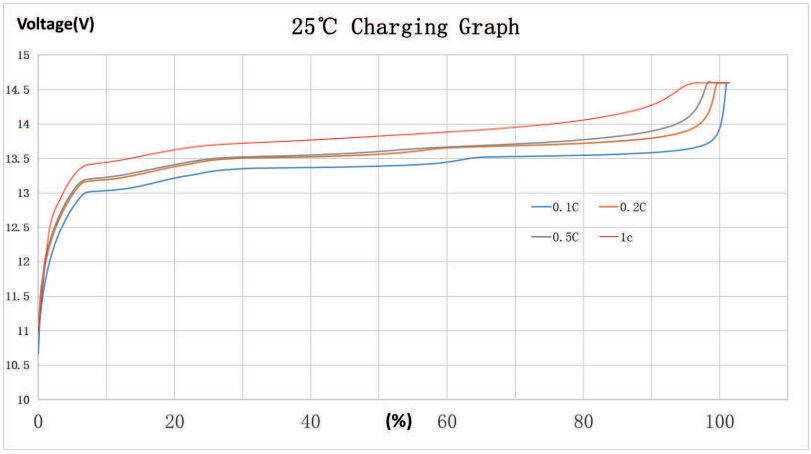
Dimensions

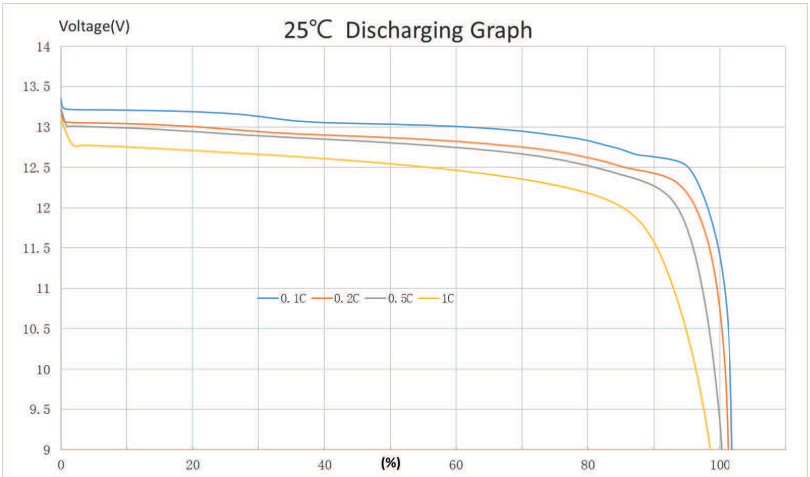


Specifications

Nominals Voltage	12.8 Volt nominal
Capacity	24Ah
BMS	Internal
Chemistry	Lithium Iron Phosphate (LiFEPO4)
Dimensions	180(L) x 78(W) x 170(H)
Weight	2.6kg
Terminal	M5
Container/Cover	ABS
Internal Resistance	
Cycle Life	The cycle life is not less than 2000, the capacity retention rate is ≥ 80%.
Passive Protection Function	Over charge protection, over discharge protection, temperature protection, balanced function
Charge Voltage	14.6V ± 0.15V
Charge Mode	
Charge Current	12A
Max. Charge Current	24A
Continuous Discharge Current	12A
Max. Continuous Discharge Current	24A
Max. Pulse Current	
Discharge Cut-off Voltage	10V
Charge Temperature	0°C to +45°C
Discharge Temperature	-20°C to +60°C
Storage Temperature	-20°C to 35°C

ENLiFEN 12V24Ah





Disclaimer:
While Valen have taken every effort to represent the ENLiFEN PO4 accurately within this specification, Valen advise the user to ascertain their own measurements and test the parameters and specifications to which the battery must conform. The Lithium battery technology is rapidly being developed and research is continually carried out to ensure that the ENLiFEN PO4 battery will meet the needs of a growing market.

Specifications subject to change without notice.

AUSTRALIA
1300 734 253
sales@valen.com.au
www.valen.com.au

NEW ZEALAND
0800 734 253
sales@valen.co.nz
www.valen.co.nz