

ENLiFEN 12V125Ah

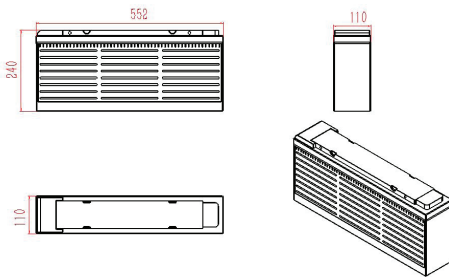
12ELFT125100

- 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



12ELFT125100

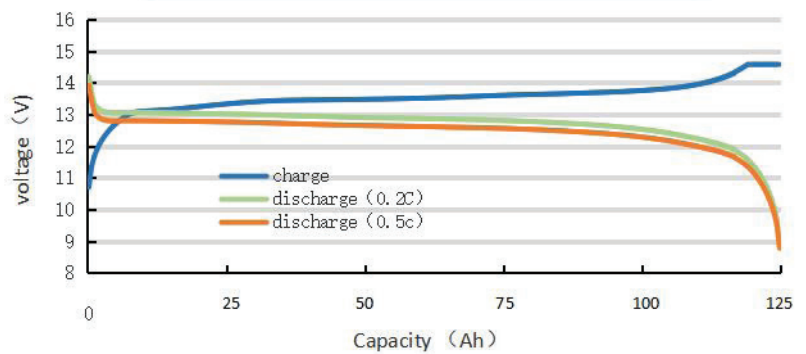
BATTERY SPECIFICATIONS



Nominals Voltage	12.8 Volt nominal
Capacity	125Ah
BMS	Internal
Chemistry	Lithium Iron Phosphate (LiFePO4)
Dimensions	552(L) x 110(W) x 240(H)
Weight	13kg
Terminal	M8
Container/Cover	ABS
Internal Resistance	$\leq 25\text{m}\Omega$
Cycle Life	6000 at 80% DOD
Passive Protection Function	Over charge protection, Over discharge protection, Over current, Temperature protection, Short, Balanced function
Charge Voltage	$14.4\text{V} \pm 0.2\text{V}$
Charge Mode	
Charge Current	$\leq 62.5\text{A}$
Continuous Discharge Current	$\leq 62.5\text{A}$
Max. Discharge Current	$\leq 150\text{A}$
Max. Pulse Current	
Discharge Cut-off Voltage	10V
Charge Temperature	0°C to +55°C
Discharge Temperature	-20°C to +60°C
Storage Temperature	-20°C to +45°C

ENLiFEN 12V125Ah

12.8V125Ah Charge-Discharge Curve (25°C)



Specifications subject to change without notice.



QUALITY CERTIFIED
ISO 9001:2015



ENVIRONMENT CERTIFIED
ISO 14001:2015



SAFETY CERTIFIED
ISO 45001:2018

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

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