

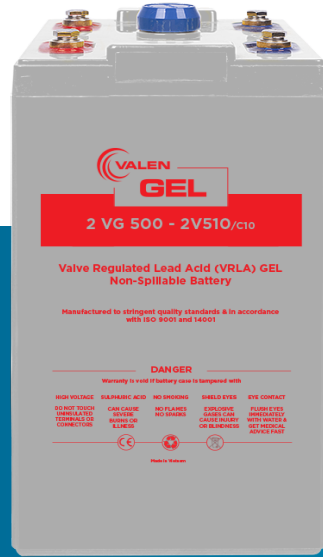
# VALEN GEL 2V500Ah

## 2VG500

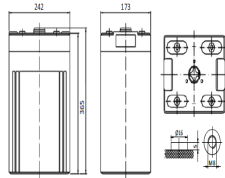
- Premium Valve Regulated Lead Acid (VRLA) Design
- Maintenance-Free Design
- Genuine Gel technology allows this range to offer the cyclic benefits of the Valen Gel battery range
- Advanced Thixotropic Silica Gelled Electrolyte  
Genuine Gel separators and quality lead plates allow the Valen GEL battery range to offer a 10-year design life
- Genuine Gel technology gives the Valen Gel range an edge over its competition by extending the longevity of the battery and minimising the number of cycles the battery requires to reach its full capacity.
- IATA Approved, Valen Gel battery range is safe for air transportation



# 2VG500 BATTERY SPECIFICATIONS



## Dimensions



## Specifications

Nominals Voltage	2V
Number of Cells	1
Design Life	10 years
<b>Normal Capacity 25°</b>	
100 Hr rate	
10 Hr rate	510Ah
5 Hr rate	438Ah
CCA at 0°C	
Dimensions	210(L) x 171(W) x 367(H)mm
Weight	31.5kg
Terminal	Insert - M8
Torque Setting	10.5 Nm
Charge voltage	Cycle: 2.4V-2.5V at 25°C Float: 2.25V-2.3V at 25°C
Internal resistance	0.55mΩ 25°C - Fully charged Battery
Operating Temperature	-20°C to +60°C

### Discharge Constant Current (Amperes at 25°C)

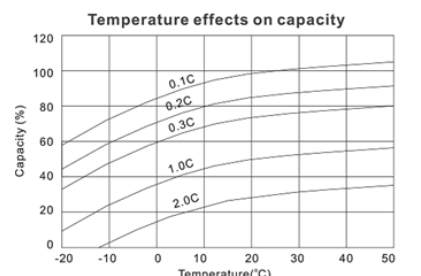
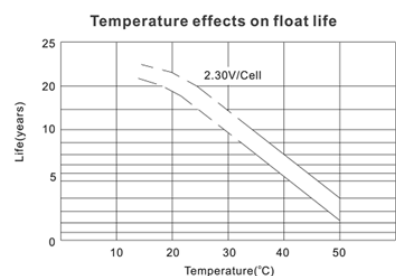
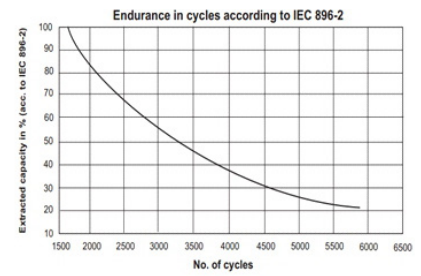
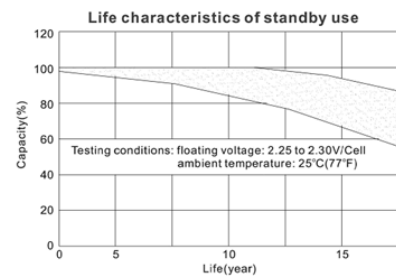
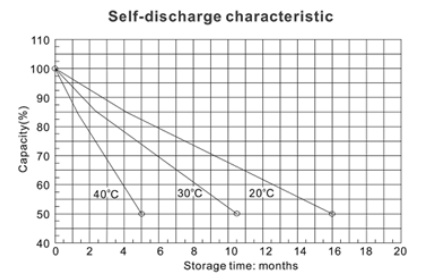
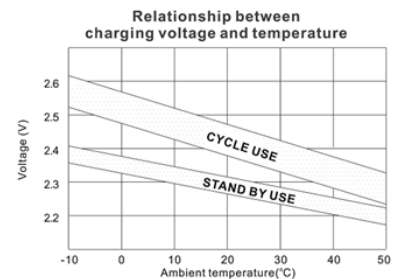
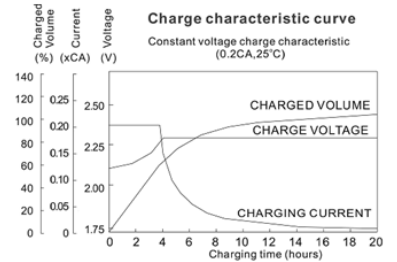
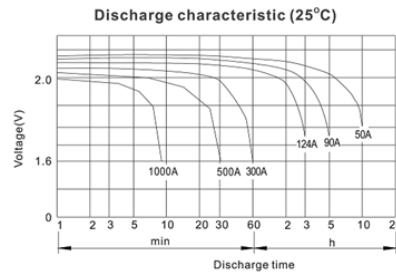
End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	NA	428	272	132	87.6	51	27.7

### Discharge Constant Power (Watts at 25°C)

End Point Volts / Cell	15 min	30 min	1 hour	3 hour	5 hour	10 hour	20 hour
1.75V	NA	801	520	256	170	101	54.7

(However it is recommended that the batteries be operated in the temperature range of 20 to 30°C to obtain full life and optimum performance.)

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Specifications subject to change without notice.