

## EN & ENL SERIES - EN100-6

### Endurance VRLA Batteries

Suitable for all standby applications including Telecommunications, UPS, Emergency Lighting. Endurance range Batteries from Yuasa are the engineer's choice for even the most critical standby applications, available in 10 year (EN) and 15 year (ENL) models.

### FEATURES

- Long Life in standby (10 and 15 year design life options).
- Unique mix and match parallel assembly allows extensive variations to network capacity.
- Electrolyte Suspension. A.G.M. technology assures no free electrolyte to spill or worry about.
- High gas recombination efficiency. Eliminates the need for forced ventilation and separate battery rooms.
- Case Material Oxygen index 30.
- Fully compliant with BS6290-4 and IEC896-2.

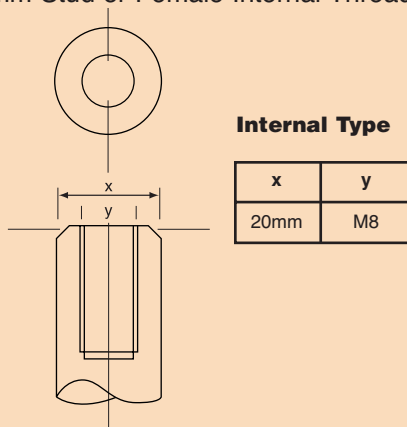


### General Specifications

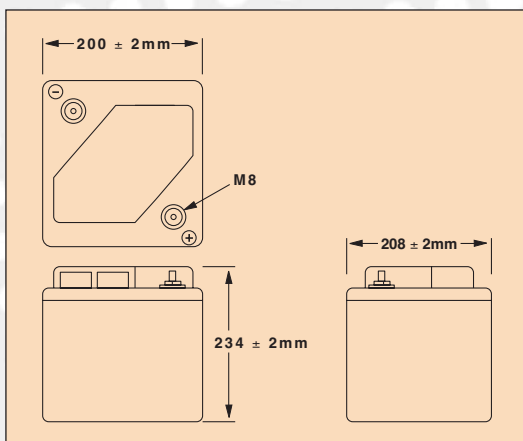
Nominal Capacity (Ah)	EN100-6
10hr to 1.85vpc	100
3hr to 1.80vpc	81
1 hr to 1.75vpc	66
Voltage	6
Energy Density (Wh/L)	62
Specific Energy (Wh. kg)	26
Int Resistance (m.ohms)	1.8
Maximum discharge (A)	600
Short Circuit current	1000
Dimensions (mm)	
Length	200
Width	208
Height overall	238
Weight (kg)	23
Terminal	8mm Male Stud
Terminal Torque (Nm)	6.1

### Terminal

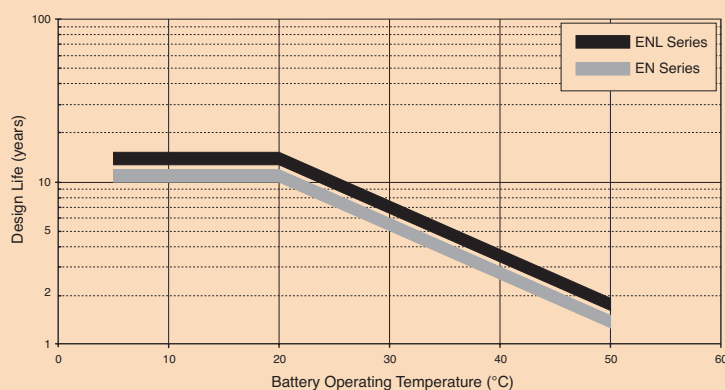
8mm Stud or Female Internal Thread



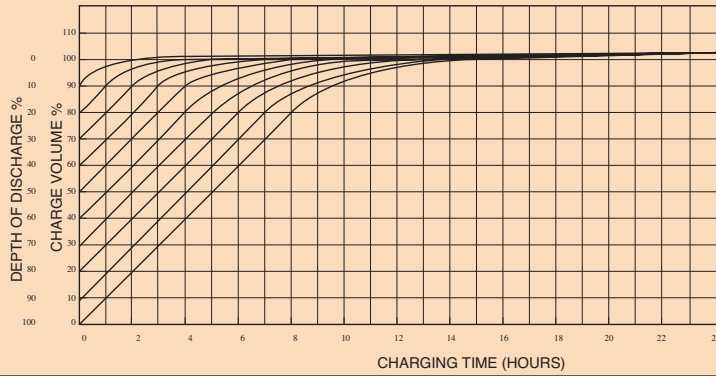
### Layout



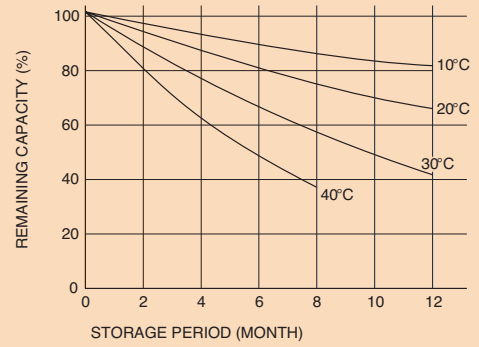
### STANDBY FLOAT CHARGE DESIGN LIFE



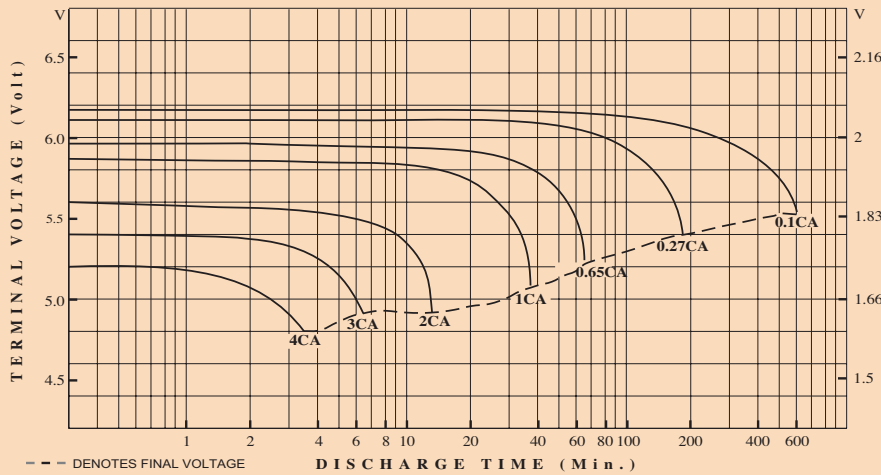
### CHARGING CHARACTERISTICS



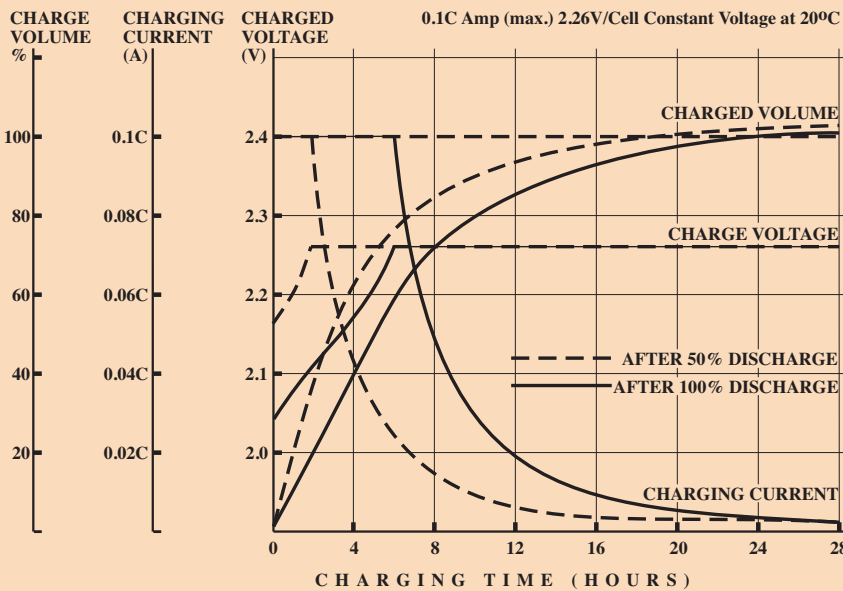
### SELF DISCHARGE CHARACTERISTICS



### DISCHARGE CHARACTERISTIC CURVES



### CHARGING CHARACTERISTIC



### Charging Methods (at 20°C)

Standby use: Float charging voltage  
2.26v ± 0.005v

### CAUTION

- Avoid short circuit.
- Do not charge in a sealed container.



### Yuasa Battery Sales (UK) Ltd

Unit 22 Rassau Industrial Estate  
Ebbw Vale, Gwent, NP23 5SD  
Tel: 08708 500312 Fax: 08708 500317  
E-mail: enquiries@yuasa-sales.co.uk

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E&O.E.

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