

## SWL SERIES - **SWL2500**

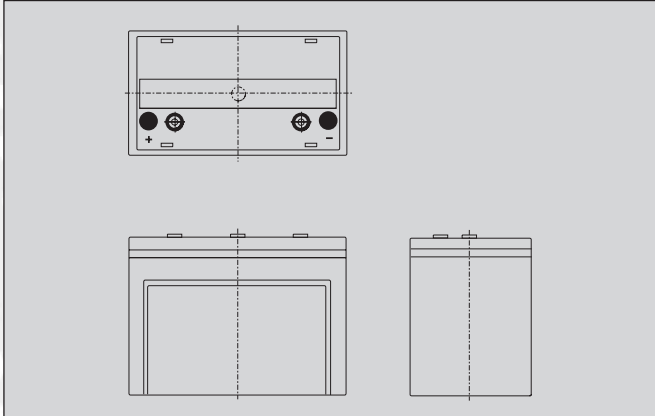
### SWL Valve Regulated Lead-Acid Batteries (VRLA)

The SWL range is an enhanced NPL design resulting in an improved energy to density ratio, giving up to 40% extra discharge capacity. All other attributes and operational characteristics are the same, thereby maintaining the benefit of a common mechanical and electrical design for users of both products.

#### FEATURES

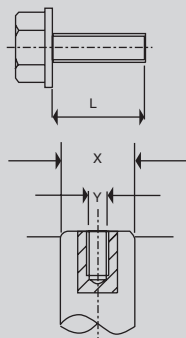
- Yuasa VRLA batteries can be used in any orientation excluding continuous use inverted.
- Standard case material is flame retardant to (UL94) HBØ.
- FR option case material is flame retardant to UL94:VØ (oxygen index 30).
- SWL batteries are manufactured in factories that comply with ISO9001:2000.
- FR option SWL's comply with BS6290 Part 4 (1997).
- SWL batteries comply with IEC 60896-21+22.

#### Layout



#### Terminals (mm)

Terminal	X	Y	L
C	20mm	M6	16



\*Models available in Flame Retardent case only.



#### General Specifications

Specifications	SWL2500*
1) Nominal Voltage	12
2) Nominal Wattage/Cell	
10 min to 1.6V/Cell	490
5 min to 1.6V/Cell	650
3 min to 1.6V/Cell	750
3) Weight (Approx)/Kg	36
4) Energy Density (Wh/L)	95
5) Specific Energy (Wh.kg) 10HR	31
6) Internal Resistance (Approx)/mohm	6
7) Maximum (1 min) discharge Current/A	500
8) Maximum Short Duration (1 sec) Discharge Current in Amperes	800
9) Operating Temperatures/°C	
Charge	-15 to 50
Discharge	-20 to 60
10) Percentage Charge Retention at 20°C	
1 month	97
3 months	91
6 months	85
11) Standard Terminal Type	Lead post with brass insert C
12) Torque Nm	6
13) Case Material	ABS
<b>Dimensions / mm</b>	
Length +/-1	305
Width +/-1	173
Height +/-2	223

