

# SWL series

## Valve regulated lead acid batteries



### Features

- Excellent high rate discharge efficiency, typically 40% higher than equivalent standard product
- Low discharge rate for long shelf life
- Absorbed glass mat (AGM) technology assures no free electrolyte
- High gas recombination efficiency
- Maintenance free
- Standard case material is flame retardant to (UL94) HBØ

- FR option flame retardant to UL94:VØ (oxygen index 30)
- Manufactured in factories that comply with ISO9001
- Complies with BS EN60896-21+22

### Applications

- UPS
- All other high rate discharge applications



Model name	Nominal Voltage (Volts)	Capacity			Dimensions (mm)				Impedance at 1kHz mOhms	1 Second rate (Amps)	Terminal type	Layout (see page 18)	Torque (Nm)
		20-hr rate to 10.5V at 20°C (Ah)	10-hr rate to 10.8V at 20°C (Ah)	Watts per cell 10 min to 1.6VPC at 20°C (watts)	Length (±2)	Width (±2)	Overall height (±2)	Weight - typical (kg)					
SW200	12	6.2	5.8	33.0	151	51.0	97.5	2.5	18.0	100	A+C	4	-
SW280	12	7.8	7.0	47.0	151	65.0	97.5	2.6	14.0	150	C	4	-
SWL750(FR)	12	25.0	22.9	128	166	175	125	9.8	8.5	500	D	2	2.5
SWL780V(FR)	12	28.8	27.1	130	166	125	175	10.1	8.5	500	D	2	2.5
SWL1100(FR)	12	40.6	39.6	200	197	165	170	14.5	7.5	500	D	2	2.5
SWL1800(FR)	12	57.6	55.0	329	216	168	223	23.0	6.0	800	E	1	4.8
SWL1850(FR)	12	74.0	66.0	319	350	166	174	23.8	4.4	800	E	2	4.8
SWL1850-6(FR)	6	148	132	-	350	166	174	23.8	1.8	500	E	5	4.8
SWL2250(FR)	12	86.0	76.0	375	380	166	174	28.0	3.6	800	F	2	6.0
SWL2300E(FR)	12	80.0	78.0	400	261	168	225	28.0	5.0	800	E	1	4.8
SWL2500E(FR)	12	93.6	90.0	490	305	168	225	32.0	4.0	1000	E	1	4.8
SWL2500TFR	12	93.6	90.0	490	305	173	223	32.0	4.0	1000	E	1	4.8
SWL2500-6(FR)	6	184	180	922	297	168	231.5	32.5	1.7	1500	F	5	6.0
SWL3300(FR)	12	110.2	105	550	350	168	225	37.5	3.5	1100	F	1	6.0
SWL3800(FR)	12	135	124	701	350	173	272	48.0	3.0	1200	F	1	6.0
SWL4250FR	12	150	140	411	341	173	281	49.0	2.7	1200	F	1	6.0

 [yuasa.co.uk/SWL](http://yuasa.co.uk/SWL)  
For more information and technical data

